APS

(AN ISO 9001-2015, ISO 14001 CERTIFIED & UL CERTIFIED COMPANY)

www.alliedpowersolutions.com

WHY APS ?

MAKE IN INDIA

INHOUSE TESTING

NTPC-APPROVED VENDOR

ISO 9001 CERTIFIED

ISO 14001 CERTIFIED

UL LISTED MANUFACTURER

TESTED FOR ROHS

CE CERTIFIED

TESTED FOR GLANDS

ABOUT THE COMPANY

ALLIED POWER SOLUTIONS which has evolved itself by carrying forward the legacy of generations of proven existence in electrical industry for supply and manufacture of various types of Cable Lugs, Bimetallic Lugs & Cable Glands in various range along with customize requirements as per customers and also proven a good name in the market in the brand name "APS"

The firm's manufactured products have been certified by various 3rd Party lab /NABL accredited lab for its quality efficient products as per International/ national/IS standards. Apart of these certification Allied Power Solutions is certified by UL to produce UL marked products. Beside these certification few other system & product certification also been received such as ISO 9001, OHSAS, RoHS, CE, ERDA, CPRI and many more.

The organization is engaged in supply with the customer base related to Solar, Railways, Infra Project, Construction, Defence, Power Distribution & generation through PAN India network & having its marketing Office at Bengaluru & Kolkata. Beside these domestic market the firm is engaged in business with various export customers for its UL & CE Certified products along approval of NTPC, JBVNL and many more and meeting the customers satisfaction from a long period of time. The Organization is having a team of Technical, Research, Design, Purchase, Quality & production with an employee range of 25~30.

THE SILENT FEATURES OF OUR PRODUCTS ARE :
» The products are manufactured as per various Indian Standards (IS),

British Standards (BS) ,German Standards (DIN), Underwriter Laboratories (UL), IEC standards.

The terminals are manufactured from raw material as follows :

- High conductivity electrolytic copper strips as per IS 1897/IS 191
- High conductivity electrolytic copper tube as per BS 1997/ IS 191
- Aluminum raw material of grade IE of IS 5082

Allied Power Solutions always focused & concentric to achieve good customer performance in terms of quality and delivery and the firms maintaining a good performance rating among all customers for its quality service.

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UL CERTIFICATE

CERTIFICATE OF COMPLIANCE

Certificate Number	E516136
Report Reference	E516136-20200619
Issue Date	2020-JUNE-19
Issued to:	ALLIED POWER SOLUTIONS C-301, Rajdhani Apts, 80, IP Extension, Patparganj, Delhi-110092, India
This certificate confirms that representative samples of	WIRE CONNECTORS AND SOLDERING LUGS See Addendum page for Models/Product
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL486C - Splicing Wire Connectors UL 486A-486B - Wire Connectors
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/

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CE CERTIFICATE

Certificate of Registration

This is to certify that the technical documentation for the product:

Sl. No	Product Description	Reference Standards
1	Lightning Protection System	IS/IEC 62305-1 to 4
2	Chemical Earthing	IS 3043
3	Copper Bonded Rod (All JK CBR Models)	UL 467/BS 970
4	JK Reslow & JK Activers (Ground Enhancing Material)	IEC 62561-7:2012
5	Bimetallic Lugs & Connectors, Mechanical Connectors	IEC 61238-1
6	Single Compression & Double Compression Glands (Brass,Polymide & SS)	BS EN 50262:1999+A1:2001 S/IEC 60079-1:2007
7	Lugs & Ferrules (Copper & AL - 1.5 mm² ~ 1000 mm²)	IEC 61238-1, IS 8309, DIN 46235
8	Medical Isolation Panel & Transformer	NFPA 70 & 99 UL 50, 1022 & 1047

Manufactured by:

ALLIED POWER SOLUTIONS

T- 4, 5 & 6, Third Floor, Pankaj Plaza - 3, I.P Extension, Patparganj, Delhi - 110092 India.

Complies with the applicable requirements of **Low Voltage Directive 2014/35/EU**

The technical documentation including inspection & test results comply with the requirements of **Low Voltage Directive (LVD)**, hence manufacturer`s declaration of conformity according to above regulation is accepted. **Allied Power Solutions** can place the CE marking as per laid down regulations on the products mentioned as above

Datum Van Publicatie / Date of Issue : 03/02/2020
Vervaldatum / Date of Expiry : 02/02/2023
1st Annual surveillance audit due on : 02/01/2021
IInd Annual surveillance audit due on : 02/01/2022

Royal Stancert B.V.
Feitelijke Beoordelingen - Wereldwijde Beoordelingen
Certificaat Nummer / Certificate No. : CE-BV-2002-2384

Regd. Office : Joop Geesinkweg 701, 1114 AB Amsterdam. The Netherlands. *(KvK-Nummer 71451802 / RSIN 857721239 - Rechtsvorm : Besloten Vennootschap).*

This certificate remains the property of **Royal Stancert B.V.** and must be returned whenever demanded. The validity of this certificate can be verified at http://www.royalstancert.nl. **Royal Stancert B.V.** is an independent system, product and personal assessment body accredited by Global Euro Accreditation Centre, Georgia. (GCN - 654). Email: info@royalstancert.nl

Director (Certification)

CE 2023384

PAC-GEAC-1506-299

ISO 9001

Certificate of Registration

This is to certify that the Quality Management System of

ALLIED POWER SOLUTIONS

C-301, DELHI RAJDHANI APPARTMENT, 80 – I.P. EXTENSION, PATPARGANJ, DELHI - 110092, INDIA

Has been successfully assessed &
Conforms with the following standard

ISO 9001:2015

Scope of Certification

PROVIDING SYSTEMS DESIGN, CONSULTANCY, IMPLEMENTATION, MAINTENANCE & NETWORK INTEGRATION OF IT PROJECTS, LIGHTNING, SURGE & EARTHING PROJECTS WITH CUSTOMISED SOLUTIONS

Certificate No.: SMS/QMS/G19/2034

Initial Registration Date	: 26-07-2019	Issue Date	: 26-07-2019
Surveillance 1 Audit Date	: 26-06-2020	Expiry Date	: 25-07-2022
Surveillance 2 Audit Date	: 26-06-2021		

UAF is Full Member of International Accreditation Forum (IAF)

Signature of Director

Accreditation No. 51712280109
(Accredited by United Accreditation Foundation (UAF), 3510, Colmar, Norfolk, VA 23509, United States of America
To Check Certification Status:
www.uafaccreditation.org & www.saaracertification.com

SAARA MANAGEMENT SYSTEM PRIVATE LIMITED
F-7, Top Floor, Main Road, Kalkaji, New Delhi-110019, India
E-mail: saaramspl@gmail.com Website: www.saaracertification.com

THE VALIDITY OF CERTIFICATE IS SUBJECT TO REGULAR SURVEILLANCE AUDIT ON OR BEFORE ABOVE MENTIONED DATES AND IS VALID ONLY AFTER THE SUCCESSFUL COMPLETION OF SURVEILLANCE AUDIT

ISO 14001

Certificate of Registration

This is to certify that the Environmental Management System of

ALLIED POWER SOLUTIONS

C-301, DELHI RAJDHANI APARTMENTS,
80, I.P EXTN., PATPARGANJ, DELHI-110092

Has been successfully assessed &
Conforms with the following standard

ISO 14001:2015

Scope of Certification

SCOPE OF CERTIFICATION- MANUFACTURING & SUPPLY OF LIGHTNING PROTECTION, SURGE PROTECTION DEVICES, EXOTHERMIC WELDING, INSULATION MONITORING DEVICES, INSULATION MEDICAL PANEL, ISOLATION PANEL & EARTHING SYSTEMS

Certificate No.: SMS/EMS/K18/1157

Initial Registration Date	: 06-11-2019	Issue Date	: 06-11-2019
Surveillance 1 Audit Date	: 06-10-2020	Expiry Date	: 05-11-2022
Surveillance 2 Audit Date	: 06-10-2021		

UAF is Full Member of International Accreditation Forum (IAF)

Signature of Director

Accreditation No. 51712280308
(Accredited by United Accreditation Foundation (UAF), 3510, Colmar, Norfolk, VA 23509, United States of America
To Check Certification Status:
www.uafaccreditation.org & www.saaracertification.com

SAARA MANAGEMENT SYSTEM PRIVATE LIMITED
F-7, Top Floor, Main Road, Kalkaji, New Delhi-110019
E-mail: saaramspl@gmail.com Website: www.saaracertification.com

THE VALIDITY OF CERTIFICATE IS SUBJECT TO REGULAR SURVEILLANCE AUDIT ON OR BEFORE ABOVE MENTIONED DATES AND IS VALID ONLY AFTER THE SUCCESSFUL COMPLETION OF SURVEILLANCE AUDIT

IEC TYPE TEST - CABLE GLANDS

working for a safer tommorow

KARANDIKAR LABORATORIES PVT. LTD. BOISAR

F 07 b.5 Rev. 03

TEST REPORT

REPORT NO:	KLPL/BTG/20/05-02
ULR NO:	N/A
DATE OF ISSUE	18.07.2020
NAME AND ADDRESS OF ORGANIZATION REQUESTING SERVICE:	ALLIED POWER SOLUTIONS C-301,Delhi Rajdhani Apartment,80,I.P Extension,Patparaganj,Delhi-110 092
SERVICE REQUEST DETAILS	Invoice No: 728/2019-20 — Dated: 13.03.2020
EUT RECEVIED ON	02.05.2020
PRODUCT (including Model/type Ref.)	Product Name : Nickel Plated Double Compression FLP & WP Cable Gland (APS F07) Cat No. : APS F07
SERIAL NO	N/A
SCOPE	1. Tests of clamping of armoured cables (IEC 60079-0:2017, clause A.3.2.1.1) 2. Mechanical test(Torque test) on cable glands for armoured cables (IEC 60079-0:2017, clause A.3.2.1.3) 3. Impact test (IEC 60079-0:2017, clause A.3.3) 4. Ingress Protection Test (IEC 60079-0:2017, clause A.3.4) 5. Sealing test (IEC 60079-1:2014, clause C.3.1.2) 6. Mechanical test (Torque test) (IEC 60079-1:2014, clause C.3.2.1)
TESTING COMPLETED ON	17.07.2020

The test results presented in this report relate only to the specific object tested, and the assessment results relate only to the documents listed in the documents list of this report.

The report number, page number and total number of pages must be included on all pages of this report.

This report shall not be reproduced except in full.Where values of uncertainty of measurements are given, these are expressed at the 95% confidence level unless otherwise specified

FINAL CONCLUSION:

The Nickel Plated Double Compression FLP & WP Cable Gland (APS F07), Cat no. APS F07 have successfully passed the test detailed in the above scope.

This report was written by:

Sushmita Morab
Testing Engineer
Karandikar Laboratories Pvt. Ltd.

This report was verified by:

Nilesh Mahadik
Sr. Certification Engineer
Karandikar Laboratories Pvt. Ltd.

KARANDIKAR LABORATORIES PVT. LTD. BOISAR 401501

Head Office: B-101, Ansa Industrial Estate, Saki Vihar Road, Saki Naka, Andheri (E) Mumbai-400072 INDIA Ph: (022) 28471395
Laboratory: Gat#142, Betegaon, Boisar Chilhar Road, Opp. Union Park, Boisar (E) Dist-Palghar. 401501 INDIA Phone (02525) 284881/931
Email:sales@karandikarlab.com Website: www.karandikarlab.com

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IEC TYPE TEST - BIMETALLIC LUGS

JEWEL METALLOCHEM LABORATORY PVT. LTD.

Material Testing & Characterization Lab, Failure Analysts.
Accredited by NABL under ISO/IEC 17025 for Chemical & Mechanical Testing
A/12, GHATKOPAR INDUSTRIAL ESTATE, GHATKOPAR (W), MUMBAI 400 086.
: 91-22-61446565, 25008988, 25007745, 25007724, 2500 8182
E-mail: office@jewelmetallochem.com http://www.jewelmetallochem.com
On approved list of govt. departments & public sector undertakings
40 + YEARS SERVICE TO INDUSTRY

Page 1 of 1

TEST REPORT

Report No: 2003162 (ULR-TC577120000003162F)
Date : February 12, 2020 Sample Received on :08/02/2020
Lab Ref : J- 92892 Test Completed on :11/02/2020

Messrs.ALLIED POWER SOLUTIONS
T-4,5&6, Third Floor,
Pankaj Plaza, I.P.Extn.,
DELHI 110092

Customer's Ref :Ltr No . Nil dtd.06/02/2020
Description :Test Sample
Size :240 Sq.MM

Details as Furnished by the Customer :

Product Name :Bimetallic Lugs
Material Spec. :IEC 61238-1
Item Description:APS Make Bimetallic Lugs 240 Sq MM
(CU + AL Friction Welded)

* * * : Results of Load Test : * * *
Type of Load applied : Tensile
Maximum Load applied kN : 25.70
Fractured in : Copper
-------------------------: Report Ends :---------------------------
vg (40029218) COURIER

For JEWEL METALLOCHEM LABORATORY PVT LTD Checked

D P Saha
Authorised Signatory

The above test results relate to samples submitted to the lab for testing and to no other sample or sample lot. The laboratory shall not be held financially liable for losses incurred by customers on account of inferences and interpretations made on the basis of test results. The laboratory shall also not be responsible to stand by the results of samples taken away from laboratory by the customer or their representatives. Whenever required, this test report shall be reproduced only in full and not in part and this shall be done with the written permission of the laboratory. Test samples are not drawn by the Jewel Metallochem Laboratory Pvt. Ltd. unless specifically mentioned in test report. Details furnished by the customer and mentioned in the test report are not verifiable by the laboratory and are stated in the certificate at the customer's implicit behest. Results of PMI analysis are proximate and cannot be treated as ultimate. It is meant for sorting only.

Certificate Nos. TC - 5771

CIN : U73100MH1989PTC050699 ★ GSTIN : 27AABCJ1866H1ZI

ERDA CERTIFICATE

ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION
ERDA Road, Makarpura Industrial Estate, Vadodara-390 010, India.
EPABX: +91 (0265) 2642942, 2642964, 2642377, 3043128 / 29 / 30 / 31 / 33,
Fax : +91 (0265) 2638382,
E-mail : erda@erda.org
Web : http://www.erda.org

TEST REPORT

SHEET 01 OF 04

NAME & ADDRESS OF CUSTOMER: M/s. Allied Power Solutions. T-4,5 & 6, Third Floor, Pankaj Plaza - 3, I.P. Extn, Patparganj, Delhi – 110 092	**REPORT NO:** RP-2021-003450 **DATE** : 23/06/2020	
	CUSTOMER'S REF. NO. & DATE: Letter dated 04/03/2020	
	DATE OF SAMPLE RECEIPT	**DATE OF TESTING**
	11/03/2020	13/06/2020 & 23/06/2020
SAMPLE DESCRIPTION: Compression type tubular terminal ends (Aluminium lugs) [02 Nos.] **Size:** 120 Sq. mm (Hole dia 10.2 mm)	**SAMPLE IDENTIFICATION:** **Embossed on the samples:** "CE 120 - 10" **ERDA Sample Code No.:** ERDA-00364226	
TEST DETAILS: 1] Visual examination 2] Dimensional check up 3] Flattening test 4] Electrical conductivity test [% IACS] 5] Chemical composition test	**TEST SPECIFICATION:** **For Test Procedure and Requirement:** 1] IS 8309 : 1993 with 1 Amendment 2] IS 5082 : 1998 with 2 Amendment	

REMARKS:
1] Out of two samples, one sample was randomly selected for testing.
2] Sample conforms to the requirement of all above-mentioned tests.
3] Photograph of samples has been attached. [Refer SHEET 04 OF 04]

PREPARED BY — CHECKED BY — (Kartik Kulkarni) APPROVED BY

Note: 1. This report relates only to the particular sample(s) received for testing in good condition at ERDA Vadodara.
2. This report cannot be reproduced in part under any circumstances.
3. Publication of this report requires prior permission in writing from Director, ERDA.
4. Only the tests asked for by the customer have been carried out.
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2312065

ROHS CERTIFICATE - TUV SUD

TÜV SÜD South Asia 25 YEARS

ULR-TC659820000002693F
Test Report No.RPT/H(RO)/20/000411
Dated 2020-02-28

Applicant	: ALLIED POWER SOLUTIONS T-4,5&6,Third Floor, Pankaj Plaza-3,I.P Extension, Patparganj Delhi;Delhi-110092 India
Attention	: MANAS SAHOO,
Tested Sample	: Received on 2020-02-22 11:28 am
Test Period	: 2020-02-22 to 2020-02-28
Sample Description	: Sample A:Ring Blue PVC & Metal Part, DC-W & DC-F with Tubular Ring Lugs
Part No.	: APS R7010 / APS PI 17
Additional Info.	: MATERIAL DETAILS: TIN PLATED COPPER / PVC
Objectives Of Examination	: To Test for RoHS3 (RoHS2 Directive 2011/65/EU (Recasting 2002/95/EC) Annex II Limitation and its valid amending Directives including (EU)2015/863)), based on Applicant's requisition.

Note : The submitted Samples were not drawn by laboratory.

Unless otherwise agreed upon, PASS or FAIL verdicts are given based on the measured values without any considerations of measurement uncertainties. Every test method has a measurement uncertainty which has been evaluated by the laboratory and are available on request. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL.

Conclusion : Refer Results

S. Gomathi Sankar
Report Reviewer

Authorised By
Vimalnath Vadivel
Authorized Signatory

Please contact :
For any technical issues : R Mahalakshmi at Mahalakshmi.R@tuv-sud.in
For any complaint : Rajasekar M at Rajasekar.M@tuv-sud.in
By accepting this document the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt. Ltd. which are available at Company's website at the link http://www.tuv-sud.in/in-en/resource-centre/terms-and-conditions.
Note: The test report is electronically generated. Hence original signature is not required.
Note : (1) The results relate only to the items tested, (2) The test report shall not be reproduced except in full without the written approval of the laboratory.

Laboratory: TÜV SÜD South Asia Pvt. Ltd. S.F.No.139/1B,Ammanenthangal Village,Chennai–Bangalore Road(NH–48) Walajapet, Ranipet, Tamil Nadu-632513.
Phone :+91 4172 300500 Fax :+91 4172 300503 E-Mail :Pratuduos.Boopathy@tuv-sud.in Url : www.tuv-sud.in/suffiines ControlNo:15310221 220220.004
Regd. Office: TUV SUD South Asia Pvt. Ltd. Off Saki Vihar Road, Saki naka, Andheri (East), Mumbai-400072. India

TÜV®

Page 1 of 4

Why to choose APS brand products

With strict quality standard and control measures, today the company has its position at the forefront of the industries. The satisfy customer by quality is our major goal. For quality product We use high quality raw materials as per International standard. Our product ranges are made from Copper, Brass, Aluminium & gunmetal.

Machineries & Manufacturing:

We are having own machineries and manufacturing set up to produce all ranges of product with complete automation to reduce the manpower with high accuracy. The productivity is approximately 5 MT per day with finish products. We are equiped with all facility for new product development as per customer requirement. The operator engaged with all production activities are highly skilled to ensure the breakdown of equipments.

Inhouse Testing:

We are having own Testing lab for both lugs and glands to test the raw material and finish product as per various International/national standards. All the testing equipments are calibrated from the NABL accredited lab in regular interval as per the calibration plan. The testing lab consists of equipments i;e Vernier Caliper, Micrometer, Conductivity Tester, Plating Thickness Tester, Tensile Tester, Sealing Tester, IP Rating Tester, Torque Tester,Impact Tester and many more gauges.

Material:

We manufacture all the product range in high quality raw materials as per IS/ International Standards. ETP Copper - High Conductivity Oxygen Free Copper with minimum 99.9% CU as per IS 191/ASTM/IS 1897. EC Grade Aluminium - High Conductivity Aluminium as per IS 5082. Brass - As per standard CuZn 63/37, Cu/Zn 60/40, CuZn 70/30 as per IS 319/BS 6121

Plating:

Our products are electro plated to ensure the corrosion resistance in all type of environment and as per customer requirements. The plating thickness depend upon the customer requirement and applicable IS/international standards. We can produce in all type of surface finish like extra shiny, matt finish, normal shining etc. We are able to supply the material in Electro Tin Plating, Electro Nickel Plating, Cadmium Plating, Silver Plating.

In Process Checking:

All products manufactured are tested and checked for 100% Quality assurance. The products are checked during production in each and every stage to ensure the quality. The products are checked during packing to sort out the visually defective products.

Crimping Manual for Tubular Lugs

Assembly instructions for cable lugs and connectors

1. Strip conductor in line with insertion depth (+10% because of length change of crimp sleeve).
2. The conductor ends must be cleaned mechanically prior to assembly.
3. Insert conductor fully into cable lug or connector.
4. Observing the crimping direction, crimp the cable lug or connector using the appropriate tools. The crimping direction for cable lug and connector is indicated in the diagram opposite.
5. Remove excess compound emerging from aluminum cable lugs and connectors.

Crimping Techniques:

1. What should be the Stripping length of Conductor ?

   The stripping length should be approximately little more than the length of Barrel which can be used to identify whether the conductor has been fully inserted to barrel or not.

2. Terminals having Bigger Stud Hole (say 20 mm) can be used with smaller bolt (say 16 mm) ? NO. When the smaller bolt is used with the terminal having higher stud hole the bolt washer starts forming dish shape while tightening and does not exert proper pressure on the palm. This results in improper contact which can lead to failure of the termination due to excess heat generation.

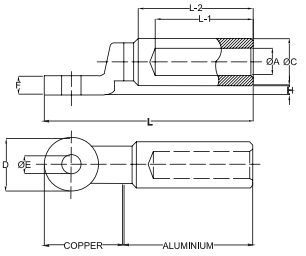
3. Can terminals be termination without Crimping Tools ?

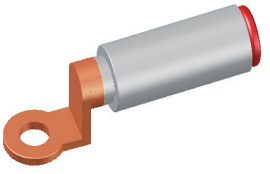
   Due to hammering on lugs will not provide the homogenoius joint through out the barrel and insuffiicient tensile/Pull of load strength. Our lugs are designed as per the crimping technique which will offer high mechanical strength and very tight joint to ensure high mechanical along with electrical contact.

Friction Welded Bimetallic Lugs

Size/mm²	Bolt Size	APS Cat No.	Dimensions are in mm						
			ØC	ØA	ØB	D	F	H	Total Length
16 mm²	M12	APS 16 BL12	13	6	16	24	3	45	85
25 mm²	M12	APS 25 BL12	13	7	16	24	3	45	85
35 mm²	M12	APS 35 BL12	13	8.5	16	24	3	45	85
50 mm²	M12	APS 50 BL12	13	9.8	20	25	3.5	50	95
70 mm²	M12	APS 70 BL12	13	11.5	20	25	3.5	50	95
95 mm²	M12	APS 95 BL12	13	13.5	20	25	3.5	50	95
120 mm²	M12	APS 120 BL12	13	15	25	28	4.5	65	120
150 mm²	M12	APS 150 BL12	13	16	25	28	4.5	65	120
185 mm²	M12	APS 185 BL12	13	18.5	32	35	6	70	135
240 mm²	M12	APS 240 BL12	13	20	32	35	6	70	130
240 mm²	M16	APS 240 BL16	17	20	32	35	6	70	130
300 mm²	M12	APS 300 BL12	13	23	34	35	7	75	135
300 mm²	M16	APS 300 BL16	17	23	34	35	7	75	135
400 mm²	M12	APS 400 BL12	13	25	36	35	7	80	148
400 mm²	M16	APS 400 BL16	17	25	36	35	7	80	148
500 mm²	M16	APS 500 BL16	17	30	40	36	7	100	160
630 mm²	M20	APS 630 BL20	21	33.5	47	60	7.5	100	195

NOTE : These Bimetallic Lugs can also be supplied with PVC Insulation as per Customer requirement.





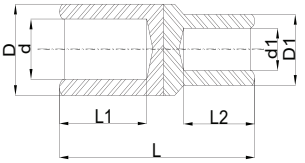
Material: Copper & Aluminum
Finish: Natural
Welding Method: Friction Welding
Ref. Standard: IEC 61238-1

Bimetallic Cable Connector

Friction Welded Bimetallic Connector

Bimetallic Connector

Size/mm²	APS Cat No.	d	D	L1	D1	d1	L2	L
16 Al/ 10 Cu	APS 16 BF10	10	6	30	9	6	30	70
25 Al/ 16 Cu	APS 25 BF16	12	7	35	10	6.5	30	75
35 Al/ 25 Cu	APS 35 BF25	14	8.5	45	11	7.5	30	85
50 Al/ 35 Cu	APS 50 BF35	16	10	47	12	8.5	35	95
70 Al/ 50 Cu	APS 70 BF50	18	11.5	50	14	10	40	105
95 Al/ 70 Cu	APS 95 BF70	20	13.5	53	16	11.5	43	110
120 Al/ 95 Cu	APS 120 BF95	22	15.5	55	18	13.5	43	112
150 Al/ 120 Cu	APS 150 BF120	24	17	57	20	15.5	45	118
185 Al/ 150 Cu	APS 185 BF150	27	18.5	60	22	17	50	125
240 Al/ 185 Cu	APS 240 BF185	30	21	60	24	18.5	54	130
300 Al/ 240 Cu	APS 300 BF240	34	23	70	27	21	60	145
400 Al/ 300 Cu	APS 400 BF300	38	27	70	30	23	62	153
500 Al/ 400 Cu	APS 500 BF400	43	29	75	34	27	65	162
630 Al/ 500 Cu	APS 630 BF500	54	35	85	38	29	75	180

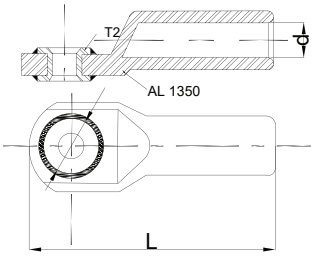


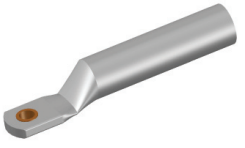
Material: Copper & Aluminum
Finish: Natural
Welding Method: Friction Welding
Ref. Standard: IEC 61238-1:2003

Bi Metal-ATL Lugs

Size/mm²	Bolt Size	APS Cat No.	ø	d	D (OD)	L
16 mm²	M8	APS 16ATL8	8.5	5.5	11	55
25 mm²	M8	APS 25ATL8	8.5	6.8	12	55
35 mm²	M8	APS 35ATL8	8.5	8	14	60
50 mm²	M10	APS 50ATL10	10.5	9.8	16	70
70 mm²	M10	APS 70ATL10	10.5	11.6	18	80
95 mm²	M10	APS 95ATL10	10.5	13.5	22	88
120 mm²	M12	APS 120ATL12	13	15	22	100
150 mm²	M12	APS 150ATL12	13	17	26	117
185 mm²	M12	APS 185ATL12	13	18	28	120
240 mm²	M16	APS 240ATL16	17	21	32	140
300 mm²	M16	APS 300ATL16	17	24	36	160
400 mm²	M16	APS 400ATL16	17	27	40	170
500 mm²	M16	APS 500ATL16	17	30	45	180
630 mm²	M20	APS 630ATL20	21	34	50	205

NOTE : These Bimetallic Lugs can also be supplied with any size of Bolt Dia as per customer requirements.





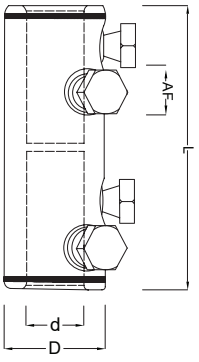
Material: Copper & Aluminum
Finish: Natural
Ref. Standard: IEC 61238-1:2003/IS 8309

Screw Connector

Mechanical Screw Connector

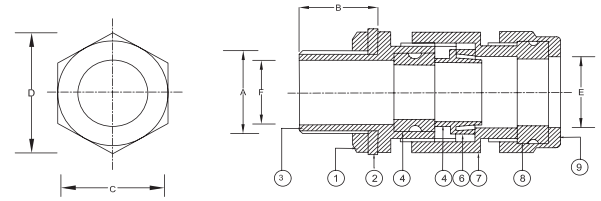
Mechanical Screw Connector

Cable Size	Suitable Conductor	APS Cat No.	d	D	L	A/F	Bolt Qty
25/50 mm²	25 - 50 mm²	APS MSC 25/50	10	20	70	13	4
25/95 mm²	25 - 95 mm²	APS MSC 25/95	13	24	90	13	4
70/120 mm²	70 - 120 mm²	APS MSC 70/120	14.5	26	90	13	4
50/150 mm²	50 - 150 mm²	APS MSC 50/150	16	31	110	17	4
95/240 mm²	95 - 240 mm²	APS MSC 95/240	20	35	110	19	4
150/240 mm²	150 - 240 mm²	APS MSC 150/240	20	35	110	19	4
185/400 mm²	185 - 400 mm²	APS MSC 185/400	26	42	180	24	6
300/400 mm²	300 - 400 mm²	APS MSC 300/400	26	42	180	24	6



Material: Aluminum
Finish: Natural/Tin Plated
Made from Extruded Rod
Type Tested for Torque

Double Compression Flame Proof Cable Glands (DC-F)



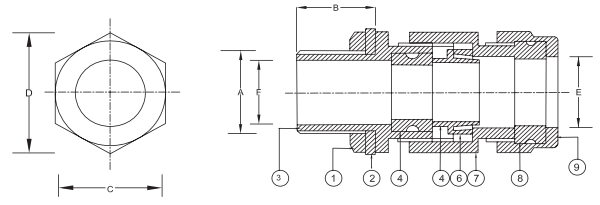
1 Check Nut
2 Neoprene Entry Seal Ring
3 Nipple Entry Part
4 Neoprene Inner Seal Ring
5 Armour Clamping Cone
6 Armour Clamping Ring
7 Main Gland Body
8 Neoprene Outer Seal Ring
9 Compression Nut

Double Compression Flame Proof Cable Glands

Suitable Cable		APS Cat No.	A Nipple Entry	B Length	C (A/F)	D (A/C)	E Dia.	E Dia.
From	To		Inches	mm	mm	mm	mm	mm
6	12	APS F01SS	3/4"	25	23	26	16.5	14.5
12	16.5	APS F01S	3/4"	25	25	29	17.5	14.5
16.5	18.5	APS F01	3/4"	25	28	32	20	15
16.5	18.5	APS F01A	1"	25	28	32	20	20
18.2	20	APS F02	1"	25	29.5	34	21	19
18.2	20	APS F02A	3/4"	25	29.5	34	21	15
20	23	APS F03	1"	25	31	36	23	20
23	26	APS F04	1"	25	36	41	27	21
23	26	APS F04A	1.1/4"	25	36	41	27	25
26	30	APS F05	1.1/4"	25	41	47	31	25
26	30	APS F05A	1.1/2"	25	41	47	31	33
30	33	APS F06	1.1/2"	25	46	53	35	31
30	33	APS F06A	1.1/4"	25	46	53	35	28
33	37	APS F07	1.1/2"	25	49	57	39	32
37	41	APS F08	2"	25	55.5	64	44	45
41	46	APS F09	2"	25	57.5	66.5	46	40
46	52	APS F010	2"	25	66	76	53	45
46	52	APS F010A	2.1/2"	25	66	76	53	54
52	54	APS F011S	2.1/2"	25	72	83	58	55
54	61	APS F011	2.1/2"	25	72	90	61	56
61	66	APS F012	3"	25	84	96	67	64
66	72	APS F013A	3"	25	95	110	83	66
72	78	APS F013	3.1/4"	25	95	110	83	75
78	84	APS F014	3.1/2"	25	105	120	88	78
84	94	APS F015	4"	25	115	132	97	90
94	104	APS F016	4.1/2"	25	126	145	101	102

Material: Brass
Finish: Nickel Plated
Rubber Material: Neoprene
Ref. Standard: BS EN 50262 / IP 65
BS EN 60079 - 0 & 1

Double Compression Weather Proof Cable Glands (DC-W)



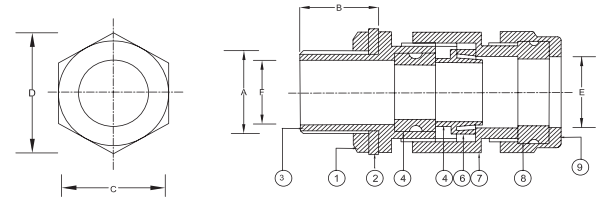
1 Check Nut | 2 Neoprene Entry Seal Ring | 3 Nipple Entry Part | 4 Neoprene Inner Seal Ring | 5 Armour Clamping Cone | 6 Armour Clamping Ring | 7 Main Gland Body | 8 Neoprene Outer Seal Ring | 9 Compression Nut

Double Compression Weather Proof Cable Glands

Suitable	Cable Overall Dia	APS Cat No.	A Nipple Entry	B Length	C (A/F)	D (A/C)	E Dia.	E Dia.
From	To		Inches	mm	mm	mm	mm	mm
6	12	APS W01SS	3/4"	15	23	26	16.5	14.5
12	16.5	APS W01S	3/4"	15	25	29	17.5	14.5
16.5	18.5	APS W01	3/4"	15	28	32	20	15
16.5	18.5	APS W01A	1"	15	28	32	20	20
18.2	20	APS W02	1"	15	29.5	34	21	19
18.2	20	APS W02A	3/4"	15	29.5	34	21	15
20	23	APS W03	1"	15	31	36	23	20
23	26	APS W04	1"	15	36	41	27	21
23	26	APS W04A	1.1/4"	15	36	41	27	25
26	30	APS W05	1.1/4"	15	41	47	31	25
26	30	APS W05A	1.1/2"	15	41	47	31	33
30	33	APS W06	1.1/2"	15	46	53	35	31
30	33	APS W06A	1.1/4"	15	46	53	35	28
33	37	APS W07	1.1/2"	15	49	57	39	32
37	41	APS W08	2"	15	55.5	64	44	45
41	46	APS W09	2"	15	57.5	66.5	46	40
46	52	APS W010	2"	20	66	76	53	45
46	52	APS W010A	2.1/2"	20	66	76	53	54
52	54	APS W011S	2.1/2"	20	72	83	58	55
54	61	APS W011	2.1/2"	20	72	90	61	56
61	66	APS W012	3"	20	84	96	67	64
66	72	APS W013A	3"	20	95	110	83	66
72	78	APS W013	3.1/4"	20	95	110	83	75
78	84	APS W014	3.1/2"	20	105	120	88	78
84	94	APS W015	4"	20	115	132	97	90
94	104	APS W016	4.1/2"	20	126	145	101	102

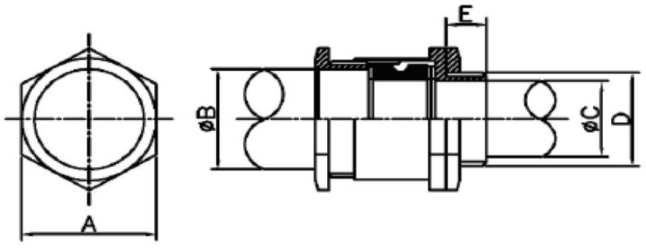
Material: Brass
Finish: Nickel Plated
Rubber Material: Neoprene
Ref. Standard: BS EN 50262 / IP 65
BS EN 60079 - 0 & 1

Double Compression Medium Duty Cable Glands



Cable OD	APS Cat No	"A Nipple Entry"	"B Length"	"C (A/F)"	"D (A/C)"	"E Dia."	"F Dia."
		Inches	mm	mm	mm	mm	mm
10 mm (3/8")	APS DC10	5/8"	21	19	22	12.5	12
12 mm (1/2")	APS DC12	5/8"	25	21	24.25	15	12.5
16 mm (5/8")	APS DC16	3/4"	23	22	25.4	16	14
19 mm (3/4")	APS DC19	3/4"	19.5	24.5	28.3	19	15
22 mm (7/8")	APS DC22	3/4"	24.5	27	31.2	20.5	14.5
25 mm (1")	APS DC25	1"	25	31.5	36.4	24	20.5
28 mm (1.1/8")	APS DC28	1.1/8"	25	34	29.25	27.5	23.5
32 mm (1.1/4")	APS DC32	1.1/4"	23	40.5	46.8	32.5	27
35 mm (1.3/8")	APS DC35	1.3/8"	25	42	48.5	34.5	30.5
38 mm (1.1/2")	APS DC38	1.1/2"	25	46.8	54.05	39	33
45 mm (1.3/4")	APS DC45	1.3/4"	23	56	64.7	45	43
50 mm (2")	APS DC50	2"	24	59	68.15	51.5	45
57 mm (2.1/4")	APS DC57	2.1/4"	24	65	75	57	51
63 mm (2.1/2")	APS DC63	2.1/2"	23.3	76	87.75	65.5	57.5
70 mm (2.3/4")	APS DC70	2.3/4"	25	82	94.7	71.5	62
75 mm (3")	APS DC75	3"	25	85.5	98.15	77	68
82 mm (3.1/4")	APS DC82	3.1/4"	24.5	90.5	104.5	79	74.5

Material: Brass
Finish: Nickel Plated
Rubber Material: Neoprene
Ref. Standard: BS EN 50262 / IP 65

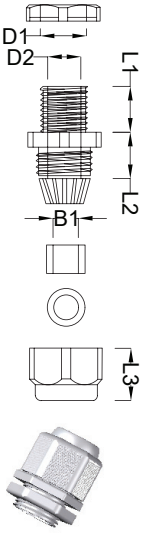


Suitable Cable OD	APS Cat No	Nipple Entry	"A (A/F)"	"B Armour OD"	"C Strip OD Cable"	"D Thread"	"E Thread Length"
Size		Inches	mm	mm	mm	ET/ BSC	mm
10 mm (3/8")	APS SC10	3/8"	16.5	12.5	12	3/8"	6.5
12 mm (1/2")	APS SC12	1/2"	20.5	15	12	1/2"	6.5
16 mm (5/8")	APS SC16	5/8"	20.5	15	15	5/8"	6.5
22 mm (7/8")	APS SC22	7/8"	25	20.5	15.5	7/8"	7.5
25 mm (1")	APS SC25	1"	27.5	23.5	22	1"	7.5
28 mm (1.1/8")	APS SC28	1.1/8"	33.5	28	25	1.1/8"	9
32 mm (1.1/4")	APS SC32	1.1/4"	36.5	31.5	28	1.1/4"	9
35 mm (1.3/8")	APS SC35	1.3/8"	41	36	30	1.3/8"	9
38 mm (1.1/2")	APS SC38	1.1/2"	44	38.5	33.75	1.1/2"	9.5
45 mm (1.3/4")	APS SC45	1.3/4"	49.5	44.5	40.5	1.3/4"	10
50 mm (2")	APS SC50	2"	58	51.5	45.5	2"	11
57 mm (2.1/4")	APS SC57	2.1/4"	64	57.5	52.5	2.1/4"	10.5
63 mm (2.1/2")	APS SC63	2.1/2"	70	62.5	58.5	2.1/2"	12
70 mm (2.3/4")	APS SC70	2.3/4"	76	69	63	2.3/4"	12
75 mm (3")	APS SC75	3"	82.5	75.5	70.5	3"	13
100 mm (4")	APS SC100	4"	110	100	90	4"	16.5

Material: Brass
Finish: Nickel Plated
Rubber Material: Neoprene
Ref. Standard: IS 12943

PG Series Polymide Cable Glands

APS Cat No.	"Cable Range (mm)	D1	D2	L1	L2	L3	B1
APS PG07	3.5-6	10.9	8.1	10.4	14.5	10.5	6.4
APS PG09	4-8	15.3	12.2	9.9	15.8	17.2	8.6
APS PG11	5-10	17.9	14.6	10.6	15.5	17.5	10.7
APS PG13.5	6-12	20.2	16.2	10.3	17.8	17.9	13.3
APS PG16	10-14	21.3	18.3	11.2	18.5	20.5	14.3
APS PG19	12-15	24.7	20.5	11.4	18.6	21.8	15.5
APS PG21	13-18	26.9	21.8	11.6	18.7	23.1	16.7
APS PG25	15-22	29.8	25	12.1	28.3	24.1	19.2
APS PG29	18-25	35.1	29.8	12.4	22.6	24.8	24.8
APS PG36	22-32	44.7	37.1	12.6	25.1	26.1	30.7
APS PG42	30-38	50.4	43.3	17.3	25.9	30.5	35.6
APS PG48	34-44	56.1	48.2	20.9	28.1	31.5	41.4
APS PG63	42-54	71	63.5	27.5	31.5	43.5	55



Material: Nylon 6-6, UL 94V-2
Color: Grey/Black/White
Rubber Material: Neoprene
Ref. Standard: IP 68

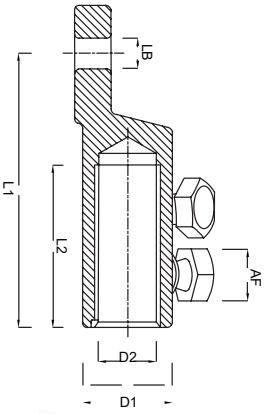
Cable Lugs

Mechanical Screw Lugs

Mechanical Screw Lugs

Cable Size	Suitable Size	Bolt	APS Cat No	LB	D1	D2	L1	L2	Bolt Qty	A/F
25/95 mm²	25 - 95 mm²	M12	APS MSL 25/95	13	24	12.8	60	30	1	13
35/150 mm²	35 - 150 mm²	M12	APS MSL 35/150	13	28	15.8	86	35	1	17
95/240 mm²	95 - 240 mm²	M12	APS MSL 95/240	13	33	20	112	60	1	19
120/300 mm²	120 - 300 mm²	M16	APS MSL 120/300	17	37	24	115	65	2	22
185/400 mm²	185 - 400 mm²	M16	APS MSL 185/400	17	42	25.5	137	80	2	22

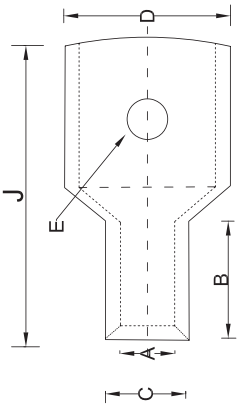
NOTE: These Mechanical Screw Lugs can also be supplied with other Hole Size as per Customer requirement.

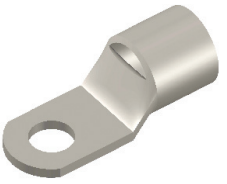


Material: Aluminum
Finish: Natural/Tin Plated
Made from Extruded Rod
Type Tested for Torque

Copper Tubular Terminals With Inspection Hole

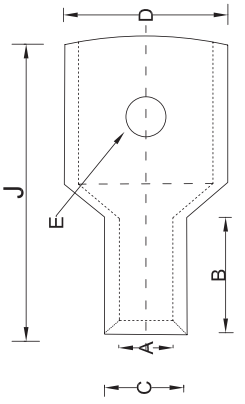
Size/	APS Cat No	ØE	B	D	A	C	J
1.5	APS HD1.5-4	M4	5.5	8	1.8	3.7	17
1.5	APS HD1.5-5	M5	5.5	8	1.8	3.7	17
1.5	APS HD1.5-6	M6	5.5	9.5	1.8	3.7	19
2.5	APS HD2.5-4	M4	8	8.5	2.4	4	21.5
2.5	APS HD2.5-5	M5	8	8.5	2.4	4	21.5
2.5	APS HD2.5-6	M6	8	9.5	2.4	4	21.5
2.5	APS HD2.5-8	M8	8	11	2.4	4	24
4	APS HD4-4	M4	8	9.5	3.1	4.8	21
4	APS HD4-5	M5	8	9.5	3.1	4.8	21
4	APS HD4-6	M6	8	9.5	3.1	4.8	21
4	APS HD4-8	M8	8	11	3.1	4.8	25
6	APS HD6-5	M5	10	9.5	3.8	5.5	23
6	APS HD6-6	M6	10	10.5	3.8	5.5	27
6	APS HD6-8	M8	10	11	3.8	5.5	27
6	APS HD6-10	M10	10	14.5	3.8	5.5	32
10	APS HD10-5	M5	10	10.5	4.5	6.2	25.5
10	APS HD10-6	M6	10	10.5	4.5	6.2	25.5
10	APS HD10-8	M8	10	11.5	4.5	6.2	27.5
10	APS HD10-10	M10	10	14.5	4.7	7.1	32
10	APS HD10-12	M12	10	18	4.7	7.1	36
16	APS HD16-5	M5	13	11.5	5.4	7.1	31
16	APS HD16-6	M6	13	11.5	5.4	7.1	31
16	APS HD16-8	M8	13	11.5	5.4	7.1	31
16	APS HD16-10	M10	13	14.5	5.5	7.9	35
16	APS HD16-12	M12	13	18	5.5	7.9	39
20	APS HD20-8	M8	13	11.5	6	7.7	32.5
25	APS HD25-6	M6	14	12.5	6.8	8.8	33
25	APS HD25-8	M8	14	13	6.8	8.8	33
25	APS HD25-10	M10	14	14.5	6.8	8.8	36.5
25	APS HD25-12	M12	14	16.5	6.8	8.8	40
35	APS HD35-6	M6	14	15	8.2	10.6	36
35	APS HD35-8	M8	14	15	8.2	10.6	36
35	APS HD35-10	M10	14	16	8.2	10.6	39
35	APS HD35-12	M12	15.5	21	8.2	10.6	47
50	APS HD50-6	M6	18	18	9.5	12.4	45
50	APS HD50-8	M8	18	18	9.5	12.4	45
50	APS HD50-10	M10	18	18	9.5	12.4	45
50	APS HD50-12	M12	18	21	9.5	12.4	52
50	APS HD50-14	M14	18	22	9.5	12.4	52
50	APS HD50-16	M16	18	22	9.5	12.4	52
70	APS HD70-6	M6	20	21	11.2	14.7	52
70	APS HD70-8	M8	20	21	11.2	14.7	52
70	APS HD70-10	M10	20	21	11.2	14.7	52
70	APS HD70-12	M12	20	21	11.2	14.7	52

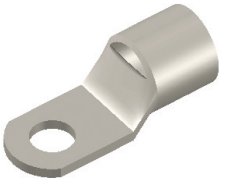




Material: ETP Copper
Grade: BS 1977
Finish: Electro-tinned

70	APS HD70-14	M14	20	25	11.2	14.7	55
70	APS HD70-16	M16	20	25	11.2	14.7	55
70	APS HD70-20	M20	20	28	11.2	14.7	57
95	APS HD95-8	M8	22	25	13.5	17.4	57
95	APS HD95-10	M10	22	25	13.5	17.4	57
95	APS HD95-12	M12	22	25	13.5	17.4	57
95	APS HD95-14	M14	22	26	13.5	17.4	57
95	APS HD95-16	M16	22	26	13.5	17.4	60
95	APS HD95-20	M20	22	28	13.5	17.4	60
120	APS HD120-8	M8	24	28	15	19.4	63
120	APS HD120-10	M10	24	28	15	19.4	63
120	APS HD120-12	M12	24	28	15	19.4	63
120	APS HD120-14	M14	24	28	15	19.4	63
120	APS HD120-16	M16	24	28	15	19.4	63
120	APS HD120-20	M20	24	31	15	19.4	70
150	APS HD150-8	M8	29	30.5	16.5	21.2	71
150	APS HD150-10	M10	29	30.5	16.5	21.2	71
150	APS HD150-12	M12	29	30.5	16.5	21.2	71
150	APS HD150-14	M14	29	30.5	16.5	21.2	71
150	APS HD150-16	M16	29	30.5	16.5	21.2	71
150	APS HD150-20	M20	29	30.5	16.5	21.2	71
185	APS HD185-10	M10	34	34	18.5	23.5	79
185	APS HD185-12	M12	34	34	18.5	23.5	79
185	APS HD185-14	M14	34	34	18.5	23.5	79
185	APS HD185-16	M16	34	34	18.5	23.5	79
185	APS HD185-20	M20	34	34	18.5	23.5	79
240	APS HD240-10	M10	39	38	21	26.5	93
240	APS HD240-12	M12	39	38	21	26.5	93
240	APS HD240-14	M14	39	38	21	26.5	93
240	APS HD240-16	M16	39	38	21	26.5	93
240	APS HD240-20	M20	39	38	21	26.5	93
300	APS HD300-10	M10	44	43	23.5	30	101
300	APS HD300-12	M12	44	43	23.5	30	101
300	APS HD300-14	M14	44	43	23.5	30	101
300	APS HD300-16	M16	44	43	23.5	30	101
300	APS HD300-20	M20	44	43	23.5	30	101
400	APS HD400-10	M10	47	50	26.8	34.8	116
400	APS HD400-12	M12	47	50	26.8	34.8	116
400	APS HD400-14	M14	47	50	26.8	34.8	116
400	APS HD400-16	M16	47	50	26.8	34.8	116
400	APS HD400-20	M20	47	50	26.8	34.8	116
500	APS HD500-16	M16	52	55.5	30	39	126
500	APS HD500-20	M20	52	55.5	30	39	126
630	APS HD630-16	M16	59	64.5	35	45	146
630	APS HD630-20	M20	59	64.5	35	45	146
800	APS HD800	--	78	72.5	39	50.6	171
1000	APS HD1000	--	90	80.5	43	56.2	202

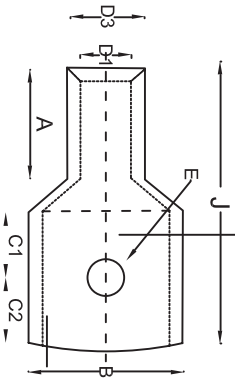


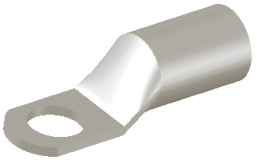


Material: ETP Copper
Grade: BS 1977
Finish: Electro-tinned

Copper Tubular Terminals For Light Duty

Size/ mm²	APS Cat No	ØE	A	B	C1	C2	D1	D3	F	J
2.5-5	APS 05 CU	M5	7	9	5	5	2	3.7	1	20
4.0-6	APS 06 CU	M6	7	11	6	6	3.1	4.8	1	22
6.0-6	APS 07 CU	M6	9	11	6	6	3.8	5.5	1	24
10-6	APS 08 CU	M6	9	11	6	6	4.4	6.2	1.3	24
16-6	APS 09 CU	M6	12	11	6	8	5.3	7.1	1.6	30
25-6	APS 10 CU	M6	12	13	8	12	7	9	2	37
35-6	APS 11 CU	M6	12	15	8	12	8	10	2	37
35-8	APS 12 CU	M8	12	15	8	12	8	10	2	37
50-6	APS 13 CU	M6	16	16	10	11	9.2	11.2	2	45
50-8	APS 14 CU	M8	16	16	10	11	9.2	11.2	2	45
50-10	APS 15 CU	M10	16	16	10	11	9.2	11.2	2	45
70-8	APS 16 CU	M8	18	20	13	15	11.6	13.8	2.2	56
70-10	APS 17 CU	M10	18	20	13	15	11.6	13.8	2.2	56
70-12	APS 18 CU	M12	18	20	13	15	11.6	13.8	2.2	56
95-10	APS 19 CU	M10	20	23	13	15	12.8	15.6	2.8	58
95-12	APS 20 CU	M12	20	23	13	15	12.8	15.6	2.8	58
120-10	APS 21 CU	M10	22	26	14	16	14.8	17.8	3	62
120-12	APS 22 CU	M12	22	26	14	16	14.8	17.8	3	62
120-16	APS 23 CU	M16	22	26	14	16	14.8	17.8	3	62
150-10	APS 24 CU	M10	26	28	15	18	16	19.6	3.6	70
150-12	APS 25 CU	M12	26	28	15	18	16	19.6	3.6	70
150-16	APS 26 CU	M16	26	28	15	18	16	19.6	3.6	70
185-12	APS 27 CU	M12	30	32	21	21	18	22	4	83
185-16	APS 28 CU	M16	30	32	21	21	18	22	4	83
225-16	APS 231 CU	M16	34	35	24	24	20	24	4	95
240-16	APS 29 CU	M16	36	38	24	24	22	26	4	97
240-20	APS 30 CU	M20	36	38	24	24	22	26	4	97
300-16	APS 31 CU	M16	39	42	25	26	24	28.7	4.7	103
300-20	APS 32 CU	M20	39	42	25	26	24	28.7	4.7	103
400-20	APS 33 CU	M20	44	49	27	27	28	33.2	5.2	116
500-20	APS 34 CU	M20	48	53	27	27	30	36	6	120
630-20	APS 35 CU	M20	55	61	31	33	35	41.5	6.5	137
800	APS 62 CU	--	65	67	37	38	39	46.3	7.3	165
1000	APS 76 CU	--	90	76	45	45	43	53.8	10.8	210

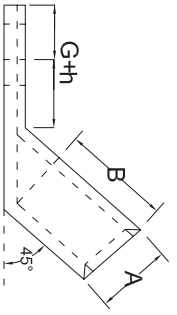


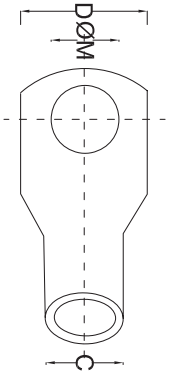


Material: ETP Copper
Grade: BS 1977
Finish: Electro-tinned

Copper Compression Terminals - 45 Degree

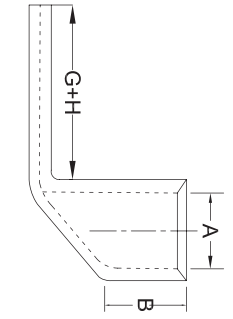
SIZE/ MM²	APS Cat No	ØM	A	B	D	C	G+h
6	APS 6-45E1	M5	3.8	10	8.5	5.5	15.5
6	APS 6-45E2	M6	3.8	10	8.5	5.5	17.5
10	APS 10-45E1	M5	4.5	10	9	6	17
10	APS 10-45E2	M6	4.5	10	9	6	17.5
10	APS 10-45E3	M8	4.5	10	13	6	23
16	APS 16-45E1	M6	5.5	20	13	8.5	18.5
16	APS 16-45E2	M8	5.5	20	13	8.5	23
16	APS 16-45E3	M10	5.5	20	17	8.5	27
16	APS 16-45E4	M12	5.5	20	18	8.5	31
25	APS 25-45E1	M6	7	20	14	10	18.5
25	APS 25-45E2	M8	7	20	16	10	23
25	APS 25-45E3	M10	7	20	17	10	27
25	APS 25-45E4	M12	7	20	19	10	31
35	APS 35-45E1	M8	8.2	20	17	12.5	23
35	APS 35-45E2	M10	8.2	20	19	12.5	27
35	APS 35-45E3	M12	8.2	20	19	12.5	31
35	APS 35-45E4	M14	8.2	20	21	14.5	34.5
50	APS 50-45E1	M8	10	28	20	14.5	23
50	APS 50-45E2	M10	10	28	22	14.5	28
50	APS 50-45E3	M12	10	28	24	14.5	31
50	APS 50-45E4	M14	10	28	24	14.5	34.5
50	APS 50-45E5	M16	10	28	28	14.5	38
70	APS 70-45E1	M8	11.5	28	24	16.5	24
70	APS 70-45E2	M10	11.5	28	24	16.5	28
70	APS 70-45E3	M12	11.5	28	24	16.5	31
70	APS 70-45E4	M14	11.5	28	24	16.5	34.5
70	APS 70-45E5	M16	11.5	28	30	16.5	38
95	APS 95-45E1	M10	13.5	35	28	19	29
95	APS 95-45E2	M12	13.5	35	28	19	31
95	APS 95-45E3	M14	13.5	35	28	19	34.5
95	APS 95-45E4	M16	13.5	35	32	19	38
120	APS 120-45E1	M10	15.5	35	32	21	32
120	APS 120-45E2	M12	15.5	35	32	21	34
120	APS 120-45E3	M14	15.5	35	32	21	38
120	APS 120-45E4	M16	15.5	35	32	21	41
120	APS 120-45E5	M20	15.5	35	38	21	45

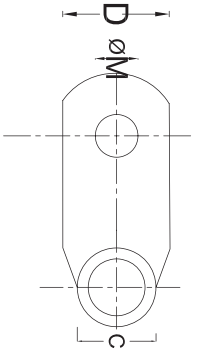




Material: ETP Copper
Grade: BS 1977
Finish: Electro-tinned

Copper Compression Terminals - 90 Degree							
SIZE/MM²	APS Cat No	ØE	A	B	D	C	G+H
6	APS 6-90E1	M5	3.8	10	8.5	5.5	15.5
6	APS 6-90E2	M6	3.8	10	8.5	5.5	17.5
10	APS 10-90E1	M5	4.5	10	9	6	17
10	APS 10-90E2	M6	4.5	10	9	6	17.5
10	APS 10-90E3	M8	4.5	10	13	6	23
16	APS 16-90E1	M6	5.5	20	13	8.5	18.5
16	APS 16-90E2	M8	5.5	20	13	8.5	23
16	APS 16-90E3	M10	5.5	20	17	8.5	27
16	APS 16-90E4	M12	5.5	20	18	8.5	31
25	APS 25-90E1	M6	7	20	14	10	18.5
25	APS 25-90E2	M8	7	20	16	10	23
25	APS 25-90E3	M10	7	20	17	10	27
25	APS 25-90E4	M12	7	20	19	10	31
35	APS 35-90E1	M8	8.2	20	17	12.5	23
35	APS 35-90E2	M10	8.2	20	19	12.5	27
35	APS 35-90E3	M12	8.2	20	19	12.5	31
35	APS 35-90E4	M14	8.2	20	21	14.5	34.5
50	APS 50-90E1	M8	10	28	20	14.5	23
50	APS 50-90E2	M10	10	28	22	14.5	28
50	APS 50-90E3	M12	10	28	24	14.5	31
50	APS 50-90E4	M14	10	28	24	14.5	34.5
50	APS 50-90E5	M16	10	28	28	14.5	38
70	APS 70-90E1	M8	11.5	28	24	16.5	24
70	APS 70-90E2	M10	11.5	28	24	16.5	28
70	APS 70-90E3	M12	11.5	28	24	16.5	31
70	APS 70-90E4	M14	11.5	28	24	16.5	34.5
70	APS 70-90E5	M16	11.5	28	30	16.5	38
95	APS 95-90E1	M10	13.5	35	28	19	29
95	APS 95-90E2	M12	13.5	35	28	19	31
95	APS 95-90E3	M14	13.5	35	28	19	34.5
95	APS 95-90E4	M16	13.5	35	32	19	38
120	APS 120-90E1	M10	15.5	35	32	21	32
120	APS 120-90E2	M12	15.5	35	32	21	34
120	APS 120-90E3	M14	15.5	35	32	21	38
120	APS 120-90E4	M16	15.5	35	32	21	41
120	APS 120-90E5	M20	15.5	35	38	21	45
150	APS 150-90E1	M10	17	35	34	23.5	32
150	APS 150-90E2	M12	17	35	34	23.5	34
150	APS 150-90E3	M14	17	35	34	23.5	39
150	APS 150-90E4	M16	17	35	34	23.5	41
150	APS 150-90E5	M20	17	35	40	23.5	45
185	APS 185-90E1	M10	19	40	37	25.5	37
185	APS 185-90E2	M12	19	40	37	25.5	38
185	APS 185-90E3	M14	19	40	37	25.5	41
185	APS 185-90E4	M16	19	40	37	25.5	41
185	APS 185-90E5	M20	19	40	40	25.5	45
240	APS 240-90E1	M12	21.5	40	42	29	38
240	APS 240-90E2	M14	21.5	40	42	29	41
240	APS 240-90E3	M16	21.5	40	42	29	41
240	APS 240-90E4	M20	21.5	40	45	29	45

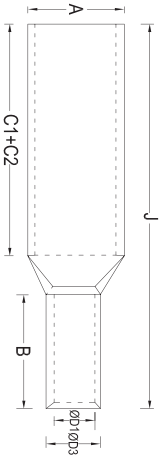




Material: ETP Copper
Grade: BS 1977
Finish: Electro-tinned

Copper Compression Terminals Long Palm

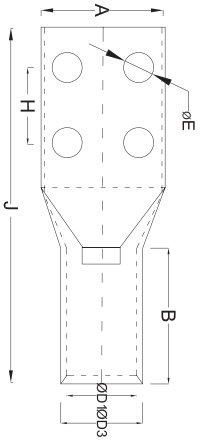
Size/ mm²	APS Cat No	B	A	C1+C2	D1	D3	F	J
50	APS 466 CU	16	17.8	42	9.5	12.4	2.9	64
70	APS 467 CU	18	21	50	11.2	14.7	3.5	75
95	APS 468 CU	20	25	52	13.5	17.4	3.9	81
120	APS 469 CU	22	28	56	15	19.4	4.4	88
150	APS 470 CU	26	30	64	16.5	21.2	4.7	101
185	APS 471 CU	32	34	68	18.5	23.5	5	112
240	APS 472 CU	38	30	80	21	26.5	5.5	132
300	APS 473 CU	42	43	88	23.5	30	6.5	145
400	APS 474 CU	44	50	104	28.5	36.5	8	166
500	APS 475 CU	48	56	112	30	39	9	180
630	APS 476 CU	56	65	130	35	45	10	208



Material: ETP Copper
Grade: BS 1977
Finish: Electro-tinned

Copper Compression Terminals - Four Holes

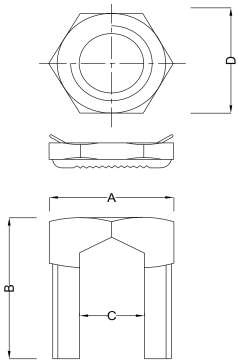
Size/mm²	APS Cat No	ØE	B	A	D1	D3	H	J
300	APS 304 CU	8.5	42	58	23.5	30	20	115
400	APS 404 CU	8.5	44	58	28.5	36	20	120
500	APS 504 CU	8.5	48	58	30	39	20	124
630	APS 604 CU	8.5	56	65	35	45	25	144
630	APS 704 CU	10.5	56	65	35	45	25	144
800	APS 804 CU	8.5	78	73	39	50	30	170
1000	APS 904 CU	8.5	90	81	43	56	40	200

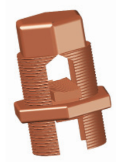


Material: ETP Copper
Grade: BS 1977
Finish: Electro-tinned

Split Bolt Connector

Size	APS Cat No	A Bolt (A/F)	B	C	D Nut (A/F)
6 mm²	APS SBC6	10	24	3.2	12.7
10 mm²	APS SBC10	12.7	27.3	5.5	19
16 mm²	APS SBC16	12.7	24.3	5.5	19
25 mm²	APS SBC25	15	28.9	6.9	19
35 mm²	APS SBC35	18	34.8	8.1	24
50 mm²	APS SBC50	23	42	9.6	27.3
70 mm²	APS SBC70	23	47.5	11.17	30
95 mm²	APS SBC95	25.4	53	14	34.3
120 mm²	APS SBC120	30	59	16	35.5
150 mm²	APS SBC150	30	59	16	35.5
185 mm²	APS SBC185	32	59	18	38
240 mm²	APS SBC240	39	76.2	22	48.3
300 mm²	APS SBC300	43	76.2	23	52.5

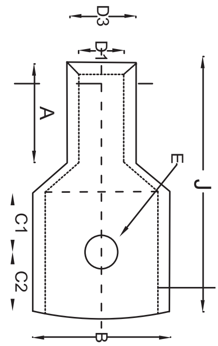




Material: Copper/Bronze
Finish: Natural / Tin Plated
Type: Split Bolt Connector

Cable Lugs: Copper Tubular Heavy Duty For Long Barrel

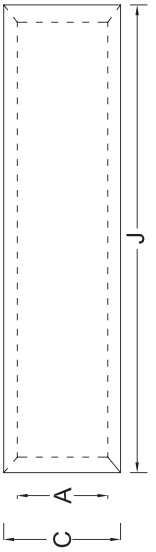
Size/ mm²	APS Cat No	ØE	a	b	C1	C2	d1	d3	j
25-8	APS 282 CU	M8	16	13	8	12	7	9	41
35-8	APS 283 CU	M8	20	15	9	14	8	10.6	48
50-8	APS 284 CU	M8	26	17	10	16	9.2	12.2	59
70-10	APS 285 CU	M10	28	20	12	19	11.5	15	66
95-12	APS 286 CU	M12	32	24	12	20	12.8	17	74
120-12	APS 287 CU	M12	35	28	14	23	14.8	19.6	82
150-12	APS 288 CU	M12	38	30	14	24	16	21.2	86
185-12	APS 289 CU	M12	43	34	17	23	18	24	95
240-16	APS 290 CU	M16	50	40	20	30	22	28	112
300-16	APS 291 CU	M16	55	43	24	27	23.5	30	120
400-20	APS 292 CU	M20	60	50	24	36	28	36	140
120-12	APS 287 CU	M12	35	28	14	23	14.8	19.6	82
150-12	APS 288 CU	M12	38	30	14	24	16	21.2	86
185-12	APS 289 CU	M12	43	34	17	23	18	24	95
240-16	APS 290 CU	M16	50	40	20	30	22	28	112
300-16	APS 291 CU	M16	55	43	24	27	23.5	30	120
400-20	APS 292 CU	M20	60	50	24	36	28	36	140
120-12	APS 287 CU	M12	35	28	14	23	14.8	19.6	82
150-12	APS 288 CU	M12	38	30	14	24	16	21.2	86
185-12	APS 289 CU	M12	43	34	17	23	18	24	95
240-16	APS 290 CU	M16	50	40	20	30	22	28	112
300-16	APS 291 CU	M16	55	43	24	27	23.5	30	120
400-20	APS 292 CU	M20	60	50	24	36	28	36	140



Material: ETP Copper
Grade: BS 1977
Finish: Electro-tinned

Copper Tubular Inline Connector

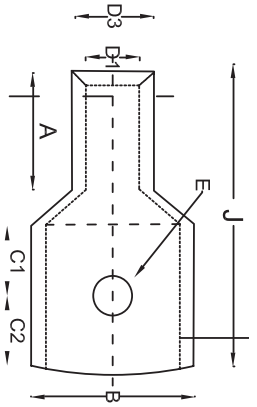
Size	APS Cat No	A	C	J
1.5 mm²	APS F1.5-15	1.8	3.7	15
1.5 mm²	APS F1.5-22	1.8	3.7	22
2.5 mm²	APS F2.5-15	2.4	4	15
2.5 mm²	APS F2.5-22	2.4	4	22
4.0 mm²	APS F4-15	3.1	4.8	15
4.0 mm²	APS F4-25	3.1	4.8	25
6.0 mm²	APS F6-15	3.8	5.5	15
6.0 mm²	APS F6-22	3.8	5.5	22
6.0 mm²	APS F6-25	3.8	5.5	25
10 mm²	APS F10-20	4.5	6.2	20
10 mm²	APS F10-22	4.5	6.2	22
10 mm²	APS F10-30	4.5	6.2	30
16 mm²	APS F16-20	5.4	7.1	20
16 mm²	APS F16-35	5.4	7.1	35
25 mm²	APS F25-32	6.8	8.8	32
25 mm²	APS F25-40	6.8	8.8	40
25 mm²	APS F25-47	6.8	8.8	47
35 mm²	APS F35-36	8.2	10.6	36
35 mm²	APS F35-45	8.2	10.6	45
50 mm²	APS F50-40	9.5	12.4	40
50 mm²	APS F50-47	9.5	12.4	47
50 mm²	APS F50-50	9.5	12.4	50
70 mm²	APS F70-40	11.2	14.7	40
70 mm²	APS F70-45	11.2	14.7	45
70 mm²	APS F70-50	11.2	14.7	50
95 mm²	APS F95-45	13.5	17.4	45
95 mm²	APS F95-50	13.5	17.4	50
95 mm²	APS F95-60	13.5	17.4	60
120 mm²	APS F120-45	15	19.4	45
120 mm²	APS F120-65	15	19.4	65
150 mm²	APS F150-55	16.5	21.2	55
150 mm²	APS F150-65	16.5	21.2	65
185 mm²	APS F185-65	18.5	23.5	65
185 mm²	APS F185-75	18.5	23.5	75
240 mm²	APS F240-80	21	26.5	80
240 mm²	APS F240-85	21	26.5	85
240 mm²	APS F240-90	21	26.5	90
300 mm²	APS F300-85	23.5	30	85
300 mm²	APS F300-90	23.5	30	90
400 mm²	APS F400-90	26.8	34.8	90
400 mm²	APS F400-100	26.8	34.8	100
500 mm²	APS F500-100	30	39	100
500 mm²	APS F500-110	30	39	110
630 mm²	APS F630-110	35	45	110
630 mm²	APS F630-120	35	45	120



Material: Copper
Finish: Natural / Tin Plated
Ref. Standard: IS 191

Aluminium Tubular Terminals For PILC Conductor

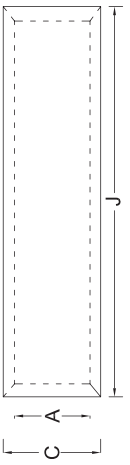
Size/mm²	APS Cat No	Bolt	A	B	C1+C2	D1	D3	J
2.5	APS 151 AL	M3	7	7	8	2	5.5	18
2.5	APS 309 AL	M3.5	7	7	8	2.6	5.5	18
4	APS 155 AL	M4	7	7	8	2.9	5.5	18
4	APS 317 AL	M5	7	12	13	2.9	5.5	24
6	APS 158 AL	M5	7	8	13	3.5	5.5	24
6	APS 313 AL	M6	7	12	13	3.5	5.5	24
10	APS 214 AL	M6	9	10	17	4.4	7.4	30
10	APS 215 AL	M8	9	15	17	4.4	7.4	30
16	APS 252 AL	M6	13	11	20	5.4	8.3	37
16	APS 216 AL	M8	13	11	20	5.4	8.3	37
16	APS 217 AL	M10	13	18	20	5.4	8.3	37
25	APS 218 AL	M8	16	14	21	7	10	44
25	APS 219 AL	M10	16	20	21	7	10	44
25	APS 220 AL	M12	16	20	21	7	10	44
35	APS 221 AL	M8	18	15	22	8	10.8	47
35	APS 222 AL	M10	18	20	22	8	10.8	47
50	APS 255 AL	M8	22	18	24	9.3	13	54
50	APS 312 AL	M10	22	23	24	9.3	13	54
50	APS 224 AL	M12	22	23	24	9.3	13	54
70	APS 256 AL	M8	26	22	26	11.6	16	60
70	APS 225 AL	M10	26	22	26	11.6	16	60
70	APS 226 AL	M12	26	22	26	11.6	16	60
95	APS 227 AL	M10	28	25	28	12.9	17.1	64
95	APS 228 AL	M12	28	25	28	12.9	17.1	64
95	APS 229 AL	M16	28	25	28	12.9	17.1	64
120	APS 257 AL	M10	32	28	30	14.8	19.6	73
120	APS 230 AL	M12	32	28	30	14.8	19.6	73
120	APS 231 AL	M16	32	28	30	14.8	19.6	73
150	APS 258 AL	M10	34	31	34	16.1	21.2	79
150	APS 232 AL	M12	34	31	34	16.1	21.2	79
150	APS 233 AL	M16	34	31	34	16.1	21.2	79
185	APS 311 AL	M10	36	34	36	18	23.7	84
185	APS 234 AL	M12	36	34	36	18	23.7	84
185	APS 235 AL	M16	36	34	36	18	23.7	84
225	APS 320 AL	M12	40	39	40	18	23.7	94
240	APS 236 AL	M12	44	40	44	22	28	102
240	APS 237 AL	M16	44	40	44	22	28	102
300	APS 300 AL	M16	47	45.7	54	24	31	115
300	APS 259 AL	M20	47	45	54	24	31	115
400	APS 260 AL	M20	56	51	61	28	36	130
500	APS 296 AL	M20	60	58	65	30	41	140
630	APS 261 AL	M20	69	66	69	35	46	154
800	APS 318 AL	--	77	73	78	39	51	180
1000	APS 319 AL	--	100	81	90	43.5	57	220



Material: Aluminium
Grade: IS 5082
Finish: Natural/Electro Tinned

Aluminium Tubular Inline Connector

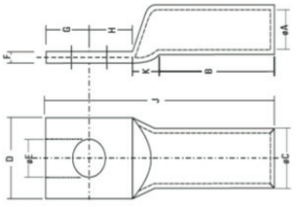
Size	APS Cat No	A	C	J
2.5 mm²	APS 6 AL	2.6	5.5	16
4.0 mm²	APS 5 AL	2.9	5.5	16
6.0 mm²	APS 13 AL	3.5	5.5	20
10 mm²	APS 14 AL	4.4	7.4	20
16 mm²	APS 4 AL	5.4	8.3	26
25 mm²	APS 3 AL	7	10	34
35 mm²	APS 2 AL	8	10.8	39
50 mm²	APS 12 AL	9.3	13	44
70 mm²	APS 1 AL	11.3	16	53
95 mm²	APS 15 AL	12.9	17.1	58
120 mm²	APS 9 AL	14.8	19.6	63
150 mm²	APS 10 AL	16.1	21.2	67
185 mm²	APS 11 AL	18	23.7	72
240 mm²	APS 16 AL	22	28	86
300 mm²	APS 17 AL	24	31	96
400 mm²	APS 18 AL	28	36	110
500 mm²	APS 19 AL	30	41	111
630 mm²	APS 20 AL	35	46	134
800 mm²	APS 148 AL	39	51	153



Material: Aluminium
Finish: Natural / Tin Plated
Ref. Standard: IS 5082

Aluminium Tubular Terminals for XLPE Conductor

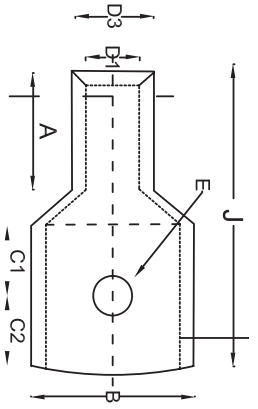
Size/mm²	APS Cat No	ØE	A	C	D	B	G	H	J
16	APS 16-XL	M6	5	8.3	12	38	9	12	66
25	APS 17-XL	M8	7.2	9.6	14	38	9	12	66
35	APS 18-XL	M8	8.3	11.1	16	47	11	11	76
50	APS 19-XL	M10	10. 1	13.5	19.5	46	11	13	78
70	APS 20-XL	M10	11.2	14.5	20.5	59	13	13	93
95	APS 21-XL	M12	12	16.9	23.5	70	14	14	107
120	APS 22-XL	M12	13.7	19	26.5	70	15	15	111
150	APS 23-XL	M12	15.1	21.1	29.5	80	17	17	125
150	APS 23M16-XL	M16	15.1	21.1	29.5	80	17	17	125
185	APS 24-XL	M12	16.6	23.9	33	80	18	18	128
185	APS 24M16-XL	M16	16.6	23.9	33	80	18	18	128
240	APS 26-XL	M12	19.3	27.2	37.5	83	22	22	141
240	APS 26M16-XL	M16	19.3	27.2	37.5	83	22	22	141
300	APS 27-XL	M12	21.8	30.2	42	86	27	27	154
300	APS 27M16-XL	M16	21.8	30.2	42	86	27	27	154
300	APS 27M20-XL	M20	21.8	30.2	42	86	27	27	154
400	APS 28-XL	M20	25	34.8	48	110	30	30	184
500	APS 29-XL	M20	28.2	39.1	54	122	32	32	202
630	APS 30-XL	---	31.7	44.4	61	137	34	34	222



Material: Aluminium
Finish: Natural / Tin Plated
Ref. Standard: IS 5082

Aluminium Tubular Lugs For Long Barrel

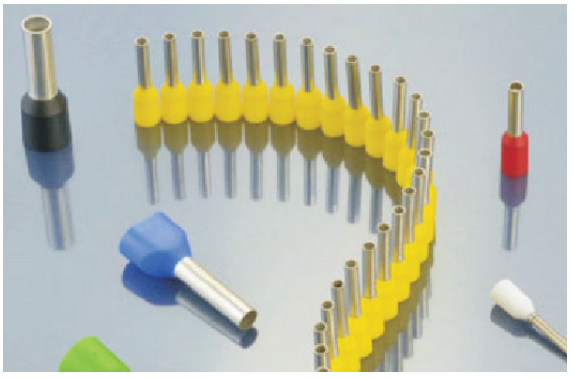
Size/ mm²	APS Cat No	ØE	A	B	C1+C2	D1	D3	J
10	APS 514 AL	M6	13.5	10	17	4.4	7.4	34.5
10	APS 515 AL	M8	13.5	15	17	4.4	7.4	34.5
16	APS 552 AL	M6	19.5	11	20	5.4	8.3	43.5
16	APS 516 AL	M8	19.5	11	20	5.4	8.3	43.5
16	APS 517 AL	M10	19.5	18	20	5.4	8.3	43.5
25	APS 518 AL	M8	24	14	21	7	10	52
25	APS 519 AL	M10	24	20	21	7	10	52
25	APS 520 AL	M12	24	20	21	7	10	52
35	APS 521 AL	M8	27	15	22	8	10.8	56
35	APS 522 AL	M10	27	20	22	8	10.8	56
50	APS 655 AL	M8	33	18	24	9.3	13	65
50	APS 512 AL	M10	33	23	24	9.3	13	65
50	APS 524 AL	M12	33	23	24	9.3	13	65
70	APS 556 AL	M8	39	22	26	11.6	16	73
70	APS 525 AL	M10	39	22	26	11.6	16	73
70	APS 526 AL	M12	39	22	26	11.6	16	73
95	APS 527 AL	M10	42	25	28	13.2	17.4	78
95	APS 528 AL	M12	42	25	28	13.2	17.4	78
95	APS 529 AL	M16	42	25	28	13.2	17.4	78
120	APS 557 AL	M10	48	28	30	14.8	19.6	89
120	APS 530 AL	M12	48	28	30	14.8	19.6	89
120	APS 531 AL	M16	48	28	30	14.8	19.6	89
150	APS 658 AL	M10	51	31	34	16.4	21.5	96
150	APS 532 AL	M12	51	31	34	16.4	21.5	96
150	APS 533 AL	M16	51	31	34	16.4	21.5	96
185	APS 511 AL	M10	54	34	36	18.4	24	102
185	APS 534 AL	M12	54	34	36	18.4	24	102
185	APS 535 AL	M16	54	34	36	18.4	24	102
225	APS 620 AL	M12	60	39	40	18.4	24	114
240	APS 536 AL	M12	66	40	44	21	28	124
240	APS 537 AL	M16	66	40	44	21	28	124
300	APS 500 AL	M16	70	45.7	54	24	31	138.5
300	APS 559 AL	M20	70	45	54	24	31	138.5
400	APS 560 AL	M20	84	51	61	28	36	158
500	APS 596 AL	M20	90	58	65	30	41	170
630	APS 561 AL	M20	103.5	66	69	35	46	188.5

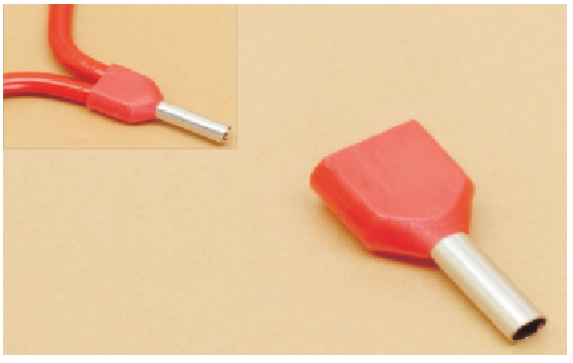


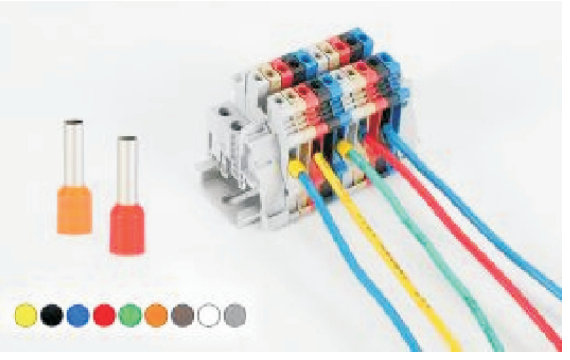
Material: Aluminium
Grade: IS 5082
Finish: Natural/Electro Tinned

Cord End Terminals

Allied Power Solutions (APS) offer various ranges of cord end terminals in both insulated and non insulated. Insulated terminals manufactured for single wire entry as well as double wire entry. Twin type cord end terminals suitable for insertion of double wire in one terminals. These terminals made from high grade Copper tube which can have good electrical conductivity and all these insulated materials used are Halogen free. All these terminals comply to international standard DIN 46228 Part and colour is available as per the below colour codes. The insulated sleeves are made of Polypropylene/PP and have a conical Easy entry shape.





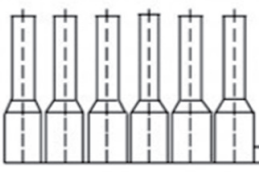


DIN Color	Size/mm²
White	0.5 mm²
Grey	0.75 mm²
Red	1 mm²
Black	1.5 mm²
Blue	2.5 mm²
Grey	4 mm²
Yellow	6 mm²
Red	10 mm²

DIN Color	Size/mm²
Blue	16 mm²
Yellow	25 mm²
Red	35 mm²
Blue	50 mm²
Yellow	70 mm²
Red	95 mm²
Blue	120 mm²
Yellow	150 mm²

Continuous Type Cord End Terminals

Size/mm²	APS Cat No	d1	d2	s1	l2	l1	Color
0.5 mm²	APS ER0508 WH	1.0	2.6	0.2	8	14	White
0.75 mm²	APS ER7508 GR	1.2	2.8	0.2	8	14	Gray
1.0 mm²	APS ER1008 RD	1.4	3	0.2	8	14	Red
1.5 mm²	APS ER1508 BLK	1.7	3.5	0.2	8	14.5	Black
2.5 mm²	APS ER2508 BLU	2.3	4	0.2	8	15.5	Blue
4.0 mm²	APS ER4009 GR	2.8	4.5	0.2	9	16.5	Grey
6.0 mm²	APS ER6012 YL	3.5	6	0.2	12	22	Yellow

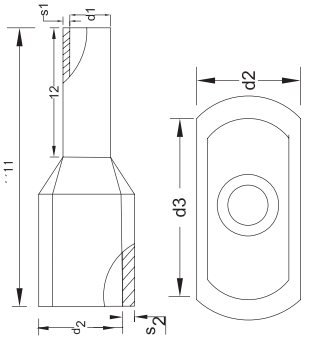


Material: Copper
Finish: Tin Plated
Insulation: Polypropylene (PP)
Ref. Standard: DIN 46228 Part 4

Cable Lugs
Cord End Terminal - Twin

Cord End Terminals - Twin

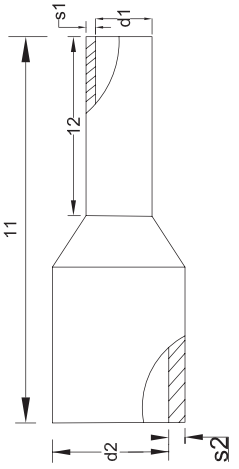
Size/ mm²	APS Cat No	l1	l2	s1	s2	d1	d3	Color
0.5 mm²	APS TE0508	15	8	0.2	0.3	1.5	4.9	White
0.75 mm²	APS TE7508	15	8	0.2	0.3	1.8	5.2	Gray
0.75 mm²	APS TE7510	17	10	0.2	0.3	1.8	5.2	Gray
1.0 mm²	APS TE1008	16	8	0.2	0.3	2	5.7	Red
1.0 mm²	APS TE1010	18	10	0.2	0.3	2	5.7	Red
1.5 mm²	APS TE1508	15.5	8	0.2	0.4	2.3	6.5	Black
1.5 mm²	APS TE1512	17.5	12	0.2	0.4	2.3	6.5	Black
2.5 mm²	APS TE2510	18	10	0.2	0.4	2.9	8	Blue
2.5 mm²	APS TE2512	21.5	13	0.2	0.4	2.9	8	Blue
4.0 mm²	APS TE4012	23	12	0.2	0.5	3.8	8.8	Gray
6.0 mm²	APS TE6014	26	14	0.2	0.5	4.9	9.3	Yellow
10 mm²	APS TE10-14	26	14	0.2	0.5	6.5	12.8	Red
16 mm²	APS TE16-14	32	14	0.2	0.6	8.3	19.3	Blue



Material: Copper
Finish: Tin Plated
Insulation: Polypropylene (PP)
Ref. Standard: DIN 46228 Part 4

Cord End Terminals-Single

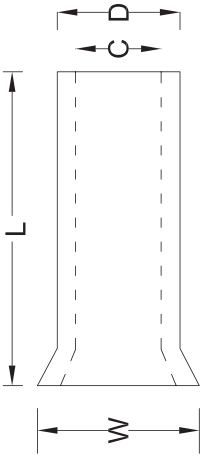
Size/mm²	APS Cat No	l1	l2	s1	s2	d1	d2	Color
0.5 mm²	APS E0506	12	6	0.2	0.3	1	2.6	White
0.5 mm²	APS E0508	14	8	0.2	0.3	1	2.6	
0.5 mm²	APS E0510	16	10	0.2	0.3	1	2.6	
0.5 mm²	APS E0512	18	12	0.2	0.3	1	2.6	
0.75 mm²	APS E7506	12	6	0.2	0.3	1.2	2.8	Gray
0.75 mm²	APS E7508	14	8	0.2	0.3	1.2	2.8	
0.75 mm²	APS E7510	16	10	0.2	0.3	1.2	2.8	
0.75 mm²	APS E7512	18	12	0.2	0.3	1.2	2.8	
1.0 mm²	APS E1006	12	6	0.2	0.3	1.4	3	Red
1.0 mm²	APS E1008	14	8	0.2	0.3	1.4	3	
1.0 mm²	APS E1010	16	10	0.2	0.3	1.4	3	
1.0 mm²	APS E1012	18	12	0.2	0.3	1.4	3	
1.5 mm²	APS E1508	14.5	8	0.2	0.3	1.7	3.5	Black
1.5 mm²	APS E1510	16.5	10	0.2	0.3	1.7	3.5	
1.5 mm²	APS E1512	18.5	12	0.2	0.3	1.7	3.5	
1.5 mm²	APS E1518	24.5	18	0.2	0.3	1.7	3.5	
2.5 mm²	APS E2508	15.5	8	0.2	0.3	2.3	4	Blue
2.5 mm²	APS E2510	17.5	10	0.2	0.3	2.3	4	
2.5 mm²	APS E2512	18.5	12	0.2	0.3	2.3	4	
2.5 mm²	APS E2518	25.5	18	0.2	0.3	2.3	4	
4.0 mm²	APS E4009	16.5	9	0.2	0.4	2.8	4.5	Gary
4.0 mm²	APS E4010	17.5	10	0.2	0.4	2.8	4.5	
4.0 mm²	APS E4012	19.5	12	0.2	0.4	2.8	4.5	
4.0 mm²	APS E4018	25.5	18	0.2	0.4	2.8	4.5	
6.0 mm²	APS E6010	18.5	10	0.2	0.4	3.5	6	Yellow
6.0 mm²	APS E6012	22	12	0.2	0.4	3.5	6	
6.0 mm²	APS E6018	28	18	0.2	0.4	3.5	6	
10 mm²	APS E10-12	22	12	0.2	0.5	4.5	7.6	Red
10 mm²	APS E10-18	28	18	0.2	0.5	4.5	7.6	
16 mm²	APS E16-12	22	12	0.2	0.5	5.8	8.7	Blue
16 mm²	APS E16-18	28	18	0.2	0.5	5.8	8.7	
25 mm²	APS E25-16	28	16	0.3	0.5	7.5	11	Yellow
25 mm²	APS E25-18	30	18	0.3	0.5	7.5	11	
25 mm²	APS E25-22	34	22	0.3	0.5	7.5	11	
35 mm²	APS E35-16	30	16	0.3	0.5	8.3	12.5	Red
35 mm²	APS E35-18	32	18	0.3	0.5	8.3	12.5	
35 mm²	APS E35-25	39	25	0.3	0.5	8.3	12.5	
50 mm²	APS E50-20	36	20	0.3	0.5	10.3	15	Blue
50 mm²	APS E50-25	41	25	0.3	0.5	10.3	15	
70 mm²	APS E50-20	37	20	0.4	0.5	13.5	16	Yellow
70 mm²	APS E50-27	42	27	0.4	0.5	13.5	16	
95 mm²	APS E95-25	48	25	0.4	0.8	14.5	18	Red
120 mm²	APS E120-27	47.6	27	0.5	0.8	16.5	20.3	Blue
150 mm²	APS E150-32	53	32	0.5	1	19.6	20.3	Yellow



Material: Copper
Finish: Tin Plated
Insulation: Polypropylene (PP)
Ref. Standard: DIN 46228 Part 4

Non Insulated Cord end Terminals

Size/mm²	APS Cat No	L	W	D	C
0.5 mm²	APS EN0506	6	1.7	1.3	1
0.5 mm²	APS EN0508	8	1.7	1.3	1
0.5 mm²	APS EN0510	10	1.7	1.3	1
0.5 mm²	APS EN0512	12	1.7	1.3	1
0.75 mm²	APS EN7506	6	1.9	1.5	1.2
0.75 mm²	APS EN7508	8	1.9	1.5	1.2
0.75 mm²	APS EN7510	10	1.9	1.5	1.2
0.75 mm²	APS EN7512	12	1.9	1.5	1.2
1.0 mm²	APS EN1006	6	2.2	1.7	1.4
1.0 mm²	APS EN1008	8	2.2	1.7	1.4
1.0 mm²	APS EN1010	10	2.2	1.7	1.4
1.0 mm²	APS EN1012	12	2.2	1.7	1.4
1.0 mm²	APS EN1018	18	2.2	1.7	1.4
1.5 mm²	APS EN1508	8	2.5	2	1.7
1.5 mm²	APS EN1510	10	2.5	2	1.7
1.5 mm²	APS EN1512	12	2.5	2	1.7
1.5 mm²	APS EN1518	18	2.5	2	1.7
2.5 mm²	APS EN2506	6	3.3	2.6	2.3
2.5 mm²	APS EN2510	10	3.3	2.6	2.3
2.5 mm²	APS EN2512	12	3.3	2.6	2.3
2.5 mm²	APS EN2508	8	3.3	2.6	2.3
2.5 mm²	APS EN2518	18	3.3	2.6	2.3
4.0 mm²	APS EN4009	9	3.9	3.2	2.8
4.0 mm²	APS EN4012	12	3.9	3.2	2.8
4.0 mm²	APS EN4018	18	3.9	3.2	2.8
6.0 mm²	APS EN6010	10	4.7	3.9	3.5
6.0 mm²	APS EN6012	12	4.7	3.9	3.5
6.0 mm²	APS EN6018	18	4.7	3.9	3.5
10 mm²	APS EN10-12	12	5.8	4.9	4.5
10 mm²	APS EN10-16	16	5.8	4.9	4.5
10 mm²	APS EN10-18	18	5.8	4.9	4.5
16 mm²	APS EN16-12	12	7.2	6.2	5.8
16 mm²	APS EN16-16	16	7.2	6.2	5.8
16 mm²	APS EN16-18	18	7.2	6.2	5.8
25 mm²	APS EN25-16	16	9.1	7.9	7.5
25 mm²	APS EN25-18	18	9.1	7.9	7.5
25 mm²	APS EN25-22	22	9.1	7.9	7.5
35 mm²	APS EN35-16	16	10.2	8.7	8.3
35 mm²	APS EN35-20	20	10.2	8.7	8.3
35 mm²	APS EN35-25	25	10.2	8.7	8.3
50 mm²	APS EN50-18	18	12.7	10.9	10.3
50 mm²	APS EN50-22	22	12.7	10.9	10.3
50 mm²	APS EN50-25	25	12.7	10.9	10.3
70 mm²	APS EN70-22	22	15.8	14.3	13.5
70 mm²	APS EN70-25	25	15.8	14.3	13.5
95 mm²	APS EN95-25	25	17.3	15.6	14.8
95 mm²	APS EN95-30	30	17.3	15.6	14.8
120 mm²	APS EN120-30	30	20.2	17.7	16.7
120 mm²	APS EN120-34	34	20.2	17.7	16.7
150 mm²	APS EN150-32	32	23	20.6	19.6
150 mm²	APS EN150-40	40	23	20.6	19.6



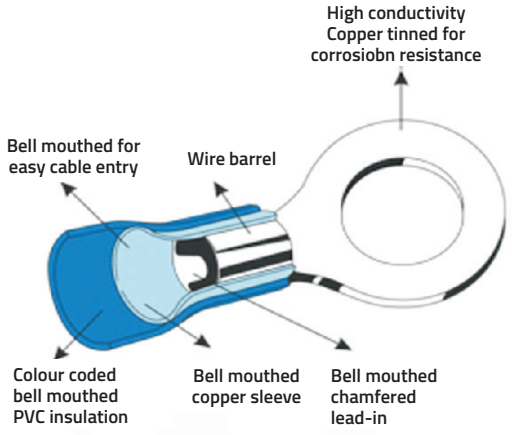
Material: Copper
Finish: Tin Plated
RoHS Compliance
Ref. Standard: DIN 46228

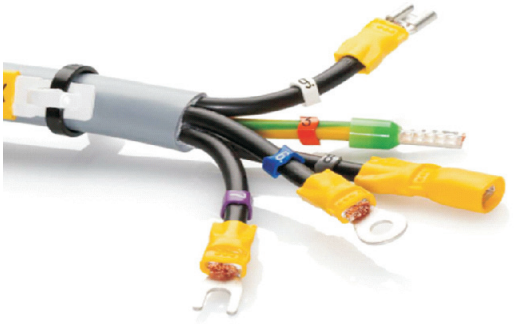
Insulated & Pre-insulated Terminals

APS ring, fork and Pin terminals are manufactured from high grade Copper. All terminals are electrolytically Tin plated to prevent from resistance from Corrosion. These terminals are tested through NABL lab for corrosion Test as per international standard ASTM B117 and tin coating test conducted as per ASTM B545. The copper part of terminals are annealed to allow crimping in any direction around the barrel. We also manufacture double sleeve insulation with Copper part inserted along with PVC for excellent mechanical strength and that can be used in high vibrational equipment.

Insulation Sleeves are made from Polycarbonate/Nylon/PVC which all has excellent deformation characteristics and maintain its good property upto high temperature over 100°C.

The colour of insulated sleeve can describe the size of terminals as per colour coding.





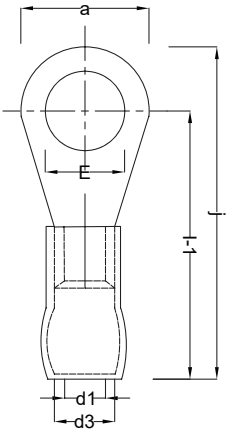
	Red Sleeve (PVC)	0.5 - 1.5 mm²
	Blue Sleeve (PVC)	1.5 - 2.5 mm²
	Yellow Sleeve (PVC)	4 - 6 mm²

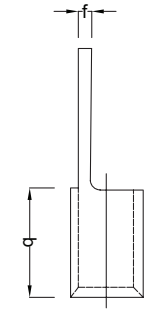
	Red Sleeve (Nylon)	0.5 - 1.5 mm²
	Blue Sleeve (Nylon)	1.5 - 2.5 mm²
	Yellow Sleeve (Nylon)	4 - 6 mm²

Insulation Material	Halogen Free	Temp. Area
PA (Nylon 6-6)	Yes	90°C
PC (Polycarbonate)	Yes	100°C
PVC	Chlorine	70°C

Ring Type Terminals - Insulated

Size	APS Cat No	Bolt Size ØE	Ød1	a	b	j	f	Ød3
1.5	APS R7052	M2	1.6	6	10	19	0.8	3.2
1.5	APS R7053	M2.5	1.6	6	10	19	0.8	3.2
1.5	APS R7054	M3	1.6	6	10	19	0.8	3.2
1.5	APS R7055	M3.5	1.6	6	10	19	0.8	3.2
1.5	APS R7056	M4	1.6	6	10	19	0.8	3.2
1.5	APS R7060	M3	1.6	8	10	18	0.8	3.2
1.5	APS R7061	M4	1.6	8	10	18	0.8	3.2
1.5	APS R7062	M5	1.6	8	10	18	0.8	3.2
1.5	APS R7057	M3	1.6	6.8	10	21	0.8	3.2
1.5	APS R7058	M3.5	1.6	6.8	10	21	0.8	3.2
1.5	APS R7059	M4	1.6	6.8	10	21	0.8	3.2
1.5	APS R7063	M4	1.6	7	10	19.5	0.8	3.2
1.5	APS R7064	M4	1.6	10	10	23	0.8	3.2
1.5	APS R7065	M5	1.6	10	10	23	0.8	3.2
1.5	APS R7066	M6	1.6	10	10	23	0.8	3.2
1.5	APS R7067	M6	1.6	12	10	23	0.8	3.2
2.5	APS R7068	M3	2.3	6.5	10	18	0.8	3.9
2.5	APS R7069	M3.5	2.3	6.5	10	18	0.8	3.9
2.5	APS R7070	M3.5	2.3	8	10	21	0.8	3.9
2.5	APS R7071	M4	2.3	8	10	21	0.8	3.9
2.5	APS R7072	M5	2.3	8	10	21	0.8	3.9
2.5	APS R7073	M5	2.3	10	10	23	0.8	3.9
2.5	APS R7074	M6	2.3	10	10	23	0.8	3.9
2.5	APS R7075	M5	2.3	12	10	27	0.8	3.9
2.5	APS R7076	M6	2.3	12	10	27	0.8	3.9
2.5	APS R7077	M8	2.3	12	10	27	0.8	3.9
2.5	APS R7078	M6	2.3	16	10	30	0.8	3.9
2.5	APS R7079	M8	2.3	16	10	30	0.8	3.9
2.5	APS R7080	M10	2.3	16	10	30	0.8	3.9
2.5	APS R7081	M10	2.3	18	10	34	0.8	3.9
2.5	APS R7082	M12	2.3	18	10	34	0.8	3.9
4-6	APS R7083	M4	3.5	8	15	25	1	5.5
4-6	APS R7084	M5	3.5	8	15	25	1	5.5
4-6	APS R7085	M4	3.5	10	15	27	1	5.5
4-6	APS R7086	M5	3.5	10	15	27	1	5.5
4-6	APS R7087	M5	3.5	8	15	30	1	5.5
4-6	APS R7088	M5	3.5	12	15	28	1	5.5
4-6	APS R7089	M6	3.5	12	15	28	1	5.5
4-6	APS R7090	M8	3.5	12	15	28	1	5.5
4-6	APS R7091	M5	3.5	12	15	30	1	5.5
4-6	APS R7092	M6	3.5	12	15	30	1	5.5
4-6	APS R7093	M6	3.5	14	15	33.5	1	5.5
4-6	APS R7094	M8	3.5	14	15	33.5	1	5.5
4-6	APS R7095	M10	3.5	14	15	33.5	1	5.5
4-6	APS R7096	M8	3.5	16	15	38	1	5.5
4-6	APS R7097	M10	3.5	16	15	38	1	5.5
4-6	APS R7098	M8	3.5	18	15	38	1	5.5
4-6	APS R7099	M10	3.5	18	15	38	1	5.5
4-6	APS R7100	M12.5	3.5	18	15	38	1	5.5



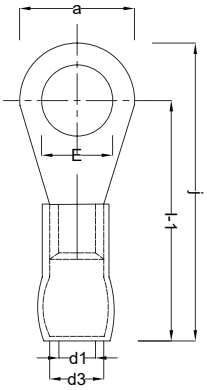


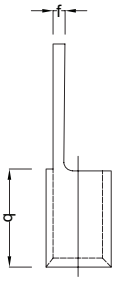
Material: Copper
Finish: Tin Plated
Type: PVC Insulated (Flare)
Ref. Standard: IS 1897

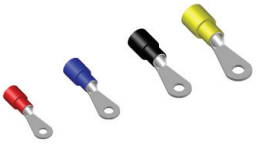
	Red Sleeve (PVC)	0.5 - 1.5 mm²
	Blue Sleeve (PVC)	1.5 - 2.5 mm²
	Yellow Sleeve (PVC)	4 - 6 mm²

Ring Type Terminals Pre - Insulated

Size	APS Cat No	Bolt Size ØE	Ød1	a	b	j	f	Ød3
1.5	APS R7052D	M2	1.6	6	10	19	0.8	3.2
1.5	APS R7053D	M2.5	1.6	6	10	19	0.8	3.2
1.5	APS R7054D	M3	1.6	6	10	19	0.8	3.2
1.5	APS R7055D	M3.5	1.6	6	10	19	0.8	3.2
1.5	APS R7056D	M4	1.6	6	10	19	0.8	3.2
1.5	APS R7060D	M3	1.6	8	10	18	0.8	3.2
1.5	APS R7061D	M4	1.6	8	10	18	0.8	3.2
1.5	APS R7062D	M5	1.6	8	10	18	0.8	3.2
1.5	APS R7057D	M3	1.6	6.8	10	21	0.8	3.2
1.5	APS R7058D	M3.5	1.6	6.8	10	21	0.8	3.2
1.5	APS R7059D	M4	1.6	6.8	10	21	0.8	3.2
1.5	APS R7063D	M4	1.6	7	10	19.5	0.8	3.2
1.5	APS R7064D	M4	1.6	10	10	23	0.8	3.2
1.5	APS R7065D	M5	1.6	10	10	23	0.8	3.2
1.5	APS R7066D	M6	1.6	10	10	23	0.8	3.2
1.5	APS R7067D	M6	1.6	12	10	23	0.8	3.2
2.5	APS R7068D	M3	2.3	6.5	10	18	0.8	3.9
2.5	APS R7069D	M3.5	2.3	6.5	10	18	0.8	3.9
2.5	APS R7070D	M3.5	2.3	8	10	21	0.8	3.9
2.5	APS R7071D	M4	2.3	8	10	21	0.8	3.9
2.5	APS R7072D	M5	2.3	8	10	21	0.8	3.9
2.5	APS R7073D	M5	2.3	10	10	23	0.8	3.9
2.5	APS R7074D	M6	2.3	10	10	23	0.8	3.9
2.5	APS R7075D	M5	2.3	12	10	27	0.8	3.9
2.5	APS R7076D	M6	2.3	12	10	27	0.8	3.9
2.5	APS R7077D	M8	2.3	12	10	27	0.8	3.9
2.5	APS R7078D	M6	2.3	16	10	30	0.8	3.9
2.5	APS R7079D	M8	2.3	16	10	30	0.8	3.9
2.5	APS R7080D	M10	2.3	16	10	30	0.8	3.9
2.5	APS R7081D	M10	2.3	18	10	34	0.8	3.9
2.5	APS R7082D	M12	2.3	18	10	34	0.8	3.9
4-6	APS R7083D	M4	3.5	8	15	25	1	5.5
4-6	APS R7084D	M5	3.5	8	15	25	1	5.5
4-6	APS R7085D	M4	3.5	10	15	27	1	5.5
4-6	APS R7086D	M5	3.5	10	15	27	1	5.5
4-6	APS R7087D	M5	3.5	8	15	30	1	5.5
4-6	APS R7088D	M5	3.5	12	15	28	1	5.5
4-6	APS R7089D	M6	3.5	12	15	28	1	5.5
4-6	APS R7090D	M8	3.5	12	15	28	1	5.5
4-6	APS R7091D	M5	3.5	12	15	30	1	5.5
4-6	APS R7092D	M6	3.5	12	15	30	1	5.5
4-6	APS R7093D	M6	3.5	14	15	23.5	1	5.5
4-6	APS R7094D	M8	3.5	14	15	33.5	1	5.5
4-6	APS R7095D	M10	3.5	14	15	33.5	1	5.5
4-6	APS R7096D	M8	3.5	16	15	38	1	5.5
4-6	APS R7097D	M10	3.5	16	15	38	1	5.5
4-6	APS R7098D	M8	3.5	18	15	38	1	5.5
4-6	APS R7099D	M10	3.5	18	15	38	1	5.5
4-6	APS R7100D	M12.5	3.5	18	15	38	1	5.5







Material: Copper
Finish: Tin Plated
Type: PVC Insulated & Copper Sleeve
Ref. Standard: IS 1897

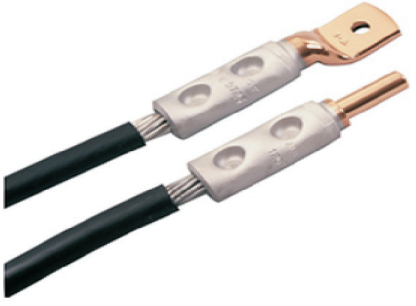
	Red Sleeve (PVC)	0.5 - 1.5 mm²
	Blue Sleeve (PVC)	1.5 - 2.5 mm²
	Yellow Sleeve (PVC)	4 - 6 mm²

Sheet Metal Brazed Terminals

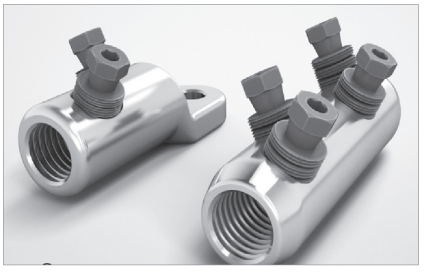
APS make brazed ring, pin, fork terminals are made from high grade ETP Copper which can have good electrical conductivity for electrical terminations. All these terminals are electrolytically Tin Plated for good corrosion protection and also been Type tested from SGS as per international standard. All terminals open neck are brazed with 2% Silver to fill the gap and to reduce the chance of crack during crimping. These terminals capable of high tensile strength after crimping and been tested by NABL lab as per international standard of IEC.

Brazing Quality of APS Terminals

APS make Bimetallic (AlCu) terminals and connectors are suitable for Aluminium Cable are made from solid materials both Copper & Aluminium part. These terminal and connectors are usually joined with Friction Welding technology with very precise measurement. This method joins Al and Cu material when the Aluminium part is rotated against the Copper Part under high pressure and this method providing the best connection between Al and Cu. These connectors are manufactured in accordance to international standard BS EN/IEC 61238-1 to comply the Mechanical & Electrical parameters.



Bimetallic Lugs can also be provided in Tin plating as per customize requirements. These lugs can also be provided with Palm Hole/without Palm hole as per the requirements. These lugs and connectors are made from 99.7% pure Copper & Aluminium to provide better electrical conductivity during the termination with busbar or terminals and such.

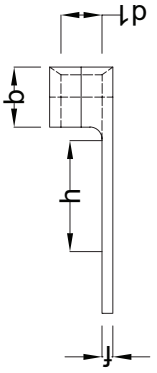


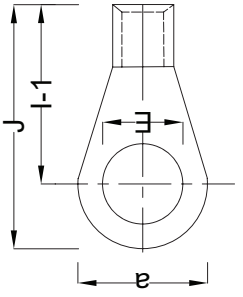
Mechanical Screw Connector

APS make mechanical screw connector is suitable for connection to the conductors is achieved by tightening the screws through the terminal to a per determined torque. Connectors are made of high quality aluminium. The screws are made of Brass or SS. These connectors are suitable for easy interchangeable whenever required. Torque Test usually comply to international standards of IEC.

Ring Type Terminals - Brazed

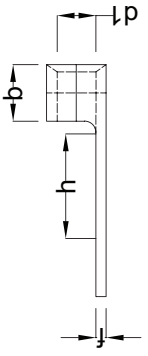
Size/mm²	APS Cat No	Bolt Size ØE	d1	a	b	h	l1	J	f
1.5	APS R7103	M2	1.6	6	5	4	11	14	0.8
1.5	APS R7000	M2.5	1.6	6	5	4	11	14	0.8
1.5	APS R7001	M3	1.6	6	5	4	11	14	0.8
1.5	APS R7002	M3.5	1.6	6	5	4	11	14	0.8
1.5	APS R7003	M4	1.6	6	5	4	11	14	0.8
1.5	APS R7153	M3	1.6	6.8	5	3.6	9.6	13	0.8
1.5	APS R7048	M3.5	1.6	6.8	5	3.6	9.6	13	0.8
1.5	APS R7049	M4	1.6	6.8	5	3.6	9.6	13	0.8
1.5	APS R7104	M3	1.6	8	5	5	12	16	0.8
1.5	APS R7004	M4	1.6	8	5	5	12	16	0.8
1.5	APS R7005	M5	1.6	8	5	5	12	16	0.8
1.5	APS R7154	M4	1.6	7	5	5	11	14.5	0.8
1.5	APS R7105	M4	1.6	10	5	6	13	18	0.8
1.5	APS R7006	M5	1.6	10	5	6	13	18	0.8
1.5	APS R7007	M6	1.6	10	5	6	13	18	0.8
1.5	APS R7106	M6	1.6	12	5	6	12	18	0.8
2.5	APS R7107	M3	2.3	6.5	5	3.5	9.5	12.7	0.8
2.5	APS R7008	M3.5	2.3	6.5	5	3.5	9.5	12.7	0.8
2.5	APS R7108	M3.5	2.3	8	5	5	12	16	0.8
2.5	APS R7009	M4	2.3	8	5	6	12	16	0.8
2.5	APS R7010	M5	2.3	8	5	5	12	16	0.8
2.5	APS R7109	M5	2.3	10	5	7	13	18	0.8
2.5	APS R7011	M6	2.3	10	5	7	13	18	0.8
2.5	APS R7110	M5	2.3	12	5	9	16	22	0.8
2.5	APS R7012	M6	2.3	12	5	9	16	22	0.8
2.5	APS R7013	M8	2.3	12	5	9	16	22	0.8
2.5	APS R7111	M6	2.3	16	5	10	17	25	0.8
2.5	APS R7014	M8	2.3	16	5	10	17	25	0.8
2.5	APS R7015	M10	2.3	16	5	10	17	25	0.8
2.5	APS R7151	M10	2.3	18	5	14	20	29	0.8
2.5	APS R7047	M12	2.3	18	5	14	20	29	0.8
4-6	APS R7155	M4	3.5	8	6	5	13	17	1
4-6	APS R7050	M5	3.5	8	6	5	13	17	1
4-6	APS R7112	M4	3.5	10	6	5	14	19	1
4-6	APS R7016	M5	3.5	10	6	5	14	19	1
4-6	APS R7157	M5	3.5	8	6	9.8	14	22.8	1
4-6	APS R7113	M5	3.5	12	6	6	14	20	1
4-6	APS R7017	M6	3.5	12	6	6	14	20	1
4-6	APS R7018	M8	3.5	12	6	6	14	20	1
4-6	APS R7114	M5	3.5	12	6	7	16	22	1
4-6	APS R7019	M6	3.5	12	6	7	16	22	1
4-6	APS R7115	M6	3.5	14	6	10.5	18.5	25.5	1
4-6	APS R7020	M8	3.5	14	6	10.5	18.5	25.5	1
4-6	APS R7021	M10	3.5	14	6	10.5	18.5	25.5	1
4-6	APS R7116	M8	3.5	16	6	13	22	30	1
4-6	APS R7022	M10	3.5	16	6	13	22	30	1
4-6	APS R7117	M8	3.5	18	6	12	21	30	1
4-6	APS R7023	M10	3.5	18	6	12	21	30	1
4-6	APS R7024	M12.5	3.5	18	6	12	21	30	1
10	APS R7118	M4	4.3	10	8	7	17	22	1
10	APS R7025	M5	4.3	10	8	7	17	22	1
10	APS R7119	M4	4.3	10	8	4	15	20	1
10	APS R7026	M5	4.3	10	8	4	15	20	1

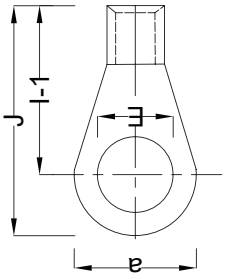




Material: Copper
Finish: Tin Plated
Seam Brazed
Ref. Standard: IS 1897

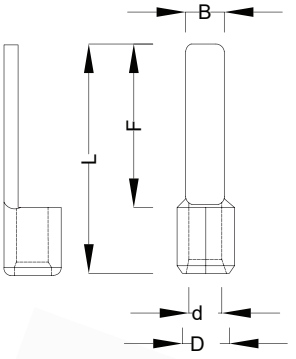
Size/mm²	APS Cat No	Bolt Size ØE	d1	a	b	h	l1	J	f
10	APS R7120	M6	4.3	12	8	7	17	23	1
10	APS R7121	M8	4.3	16	8	7	19	27	1
10	APS R7122	M8	4.3	18	8	9	21	30	1
10	APS R7027	M10	4.3	18	8	9	21	30	1
10	APS R7123	M10	4.3	22	8	10	23	34	1
10	APS R7028	M12	4.3	22	8	10	23	34	1
16	APS R7124	M5	5.6	10	10	6	19	24	1.2
16	APS R7125	M5	5.6	12	10	6	20	26	1.2
16	APS R7029	M6	5.6	12	10	6	20	26	1.2
16	APS R7126	M6	5.6	16	10	8	22	30	1.2
16	APS R7030	M8	5.6	16	10	8	22	30	1.2
16	APS R7031	M10	5.6	16	10	8	22	30	1.2
16	APS R7127	M8	5.6	18	10	10	24	33	1.2
16	APS R7032	M10	5.6	18	10	10	24	33	1.2
16	APS R7128	M10	5.6	22	10	8	24	35	1.2
16	APS R7033	M12	5.6	22	10	8	24	35	1.2
25	APS R7156	M6	7.5	12	11	10	25	31	1.8
25	APS R7051	M8	7.5	12	11	10	25	31	1.8
25	APS R7129	M6	7.5	16	11	6	22	30	1.8
25	APS R7034	M8	7.5	16	11	6	22	30	1.8
25	APS R7035	M10	7.5	16	11	6	22	30	1.8
25	APS R7130	M6	7.5	16	11	10	25	33	1.8
25	APS R7036	M8	7.5	16	11	10	25	33	1.8
25	APS R7131	M10	7.5	18	11	9	25	34	1.8
25	APS R7132	M10	7.5	22	11	14	31	42	1.8
25	APS R7037	M12	7.5	22	11	14	31	42	1.8
35	APS R7133	M6	9	16	12	6	23	31	1.8
35	APS R7038	M8	9	16	12	6	23	31	1.8
35	APS R7134	M8	9	18	12	10	27	36	1.8
35	APS R7039	M10	9	18	12	10	27	36	1.8
35	APS R7135	M10	9	22	12	15	31	42	1.8
35	APS R7040	M12	9	22	12	15	31	42	1.8
50	APS R7136	M8	10.5	18	16	12	34	43	1.8
50	APS R7041	M10	10.5	18	16	12	34	43	1.8
50	APS R7137	M10	10.5	22	16	9	32	43	1.8
50	APS R7138	M10	10.5	22	16	14	36	48	1.8
50	APS R7103	M12	10.5	24	16	14	36	48	1.8
50	APS R7139	M16	10.5	32	16	15	38	54	1.8
70	APS R7140	M10	12	22	18	11	36	47	2
70	APS R7043	M12	12	22	18	11	36	47	2
70	APS R7141	M12	12	24	18	10	36	48	2
70	APS R7142	M16	12	28	18	16	40	54	2
95	APS R7143	M10	13.5	22	20	10	35	46	2.3
95	APS R7144	M10	13.5	24	20	12	38	50	2.3
95	APS R7044	M12	13.5	24	20	12	38	50	2.3
95	APS R7145	M16	13.5	28	20	17	44	58	2.3
120	APS R7146	M12	15	26	22	17	39	52	2.6
120	APS R7147	M16	15	32	22	19	48	64	2.6
120	APS R7148	M20	15	40	22	20	52	72	2.6
150	APS R7149	M12	16.5	34	24	16	49	66	3.6
150	APS R7045	M16	16.5	34	24	16	49	66	3.6
150	APS R7150	M16	16.5	40	24	20	54	74	3.6
150	APS R7046	M20	16.5	40	24	20	54	74	3.6





Material: Copper
Finish: Tin Plated
Seam Brazed
Ref. Standard: IS 1897

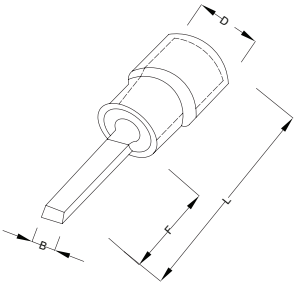
Flat Pin Type Terminals - Brazed						
Size/mm²	APS Cat No	B	F	L	D	d
1.5	APS FP35	3.1	12	17	3.2	1.6
2.5	APS FP2	3.1	12	17	3.9	2.3
4	APS FP4	5.1	14	20	5.5	3.5
6	APS FP15	5.1	14	20	5.6	3.6

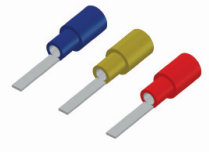


Material: Copper
Surface Finish: Tin Plated
Seam Brazed
Ref. Standard: IS 191

Cable Lugs
Flat Pin Type Terminals (Insulated)

Flat Pin Type Terminals - Insulated							
Size	APS Cat No	B	L	F	D	d	Color
1.5	APS FPI35	3.1	22	12	3.2	1.6	Red
2.5	APS FPI2	3.1	22	12	3.9	2.3	Blue
4	APS FPI4	5.1	25	14	5.5	3.5	Yellow
6	APS FPI15	5.1	25	14	5.6	3.6	

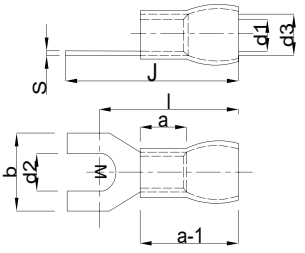




Material: Copper
Surface Finish: Tin Plated
Insulation: PVC Insulated (Flare)
Ref. Standard: IS 191

Fork Type Terminals - Insulated

Size/ mm²	APS Cat No	b	d2	s	d1	d3	a	j	Color
1.5	APS FI100	6	3.2	0.8	1.6	3.2	10	19	Red
1.5	APS FI100	6	3.2	0.8	1.6	3.2	10	19	
1.5	APS FI1.5DS	6	3.2	0.8	1.6	3.2	10	19.5	
1.5	APS FI7926	6.8	3.6	0.8	1.6	3.2	10	19.5	
2.5	APS FI7928	6.5	3.6	0.8	2.3	3.9	10	20	Blue
2.5	APS FI7929	10.6	5.1	0.8	2.3	3.9	10	26	
4-6	APS FI7930	6	3.1	1	3.5	5.5	15	24	Yellow
4-6	APS FI7931	6	3.5	1	3.5	5.5	15	24	



Material: Copper
Finish: Tin Plated
Type: PVC Insulation
Ref. Standard: IS 191

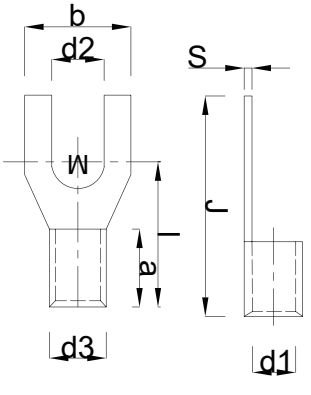
Fork Type Terminals Pre - Insulated

Size/ mm²	APS Cat No	b	d2	s	d1	d3	a	j	Color
1.5	APS FI100D	6	3.2	0.8	1.6	3.2	10	19	Red
1.5	APS FI1.5DSD	6	3.2	0.8	1.6	3.2	10	19.5	
1.5	APS FI7926D	6.8	3.6	0.8	1.6	3.2	10	19.5	
2.5	APS FI7928D	6.5	3.6	0.8	2.3	3.9	10	20	Blue
2.5	APS FI7929D	10.6	5.1	0.8	2.3	3.9	10	26	
4-6	APS FI7930D	6	3.1	1	3.5	5.5	15	24	Yellow
4-6	APS FI7931D	6	3.5	1	3.5	5.5	15	24	

Material: Copper
Finish: Tin Plated
Type: PVC Insulation + Copper Sleeve
Ref. Standard: IS 191

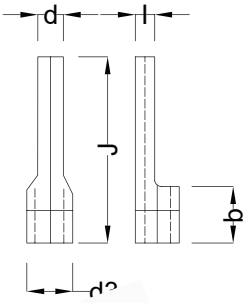
Fork Type Terminals - Brazed

Size/mm²	APS Cat No	b	d2	s	d1	d3	a	j
1.5	APS F100	6	3.2	0.8	1.6	3.2	5	14
1.5	APS F1.5DS	6	3.2	0.8	1.6	3.2	5	14.5
1.5	APS F7249	6.8	3.6	0.8	1.6	3.2	5	14.5
1.5	APS F 1-3	5.7	3.2	0.8	1.6	3.3	5	16
2.5	APS F7251	6.5	3.6	0.8	2.3	3.9	5	15
2.5	APS F 2-3	5.7	3.2	0.8	2.3	4.0	5	16
2.5	APS F7280	10.6	5.1	0.8	2.3	3.9	5	21
4-6	APS F7252	6	3.1	1	3.5	5.5	6	15
4-6	APS F7253	6	3.5	1	3.5	5.5	6	15
10-5	APS F10-5	9	5.2	1	4.5	6.9	8	20
16-5	APS F16-5	10	5.2	1.2	5.3	7.7	10	25.5



Material: Copper
Finish: Tin Plated
Type: Brazed
Ref. Standard: IS 191

Pin Type Terminals - Brazed						
Size	APS Cat No	d1	d3	d	b	j
1.5	APS P9	1.6	3.2	1.9	5	17
2.5	APS P1	2.3	3.9	1.9	5	17
4	APS P3	2.9	3.9	2.7	6	20
6	APS P5	3.6	5.6	2.7	6	20
10	APS P7	4.5	6.7	4.3	8	22
16	APS P8	5.8	8.2	5.5	10	26
25	APS P25	7.5	11.1	7	11	31
35	APS P35	9	12.6	8	12	37
50	APS P50	10.5	14.1	9	16	42
70	APS P70	12	16	10	18	45
95	APS P95	13.8	18.7	11	21	52

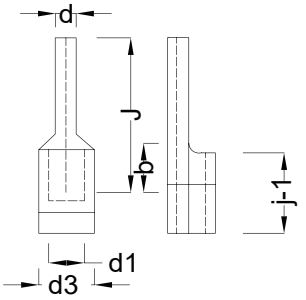


Material: Copper
Finish: Tin Plated
Seam Brazed
Ref. Standard: IS 191

Cable Lugs

Pin Type Terminals - Insulated

Pin Type Terminals - Insulated								
Size	APS Cat No	d1	d3	d	b	j	j-1	Color
1.5	APS PI17	1.6	3.2	1.9	5	17	10	Red
2.5	APS PI18	2.3	3.9	1.9	5	17	10	Blue
4	APS PI20	2.9	3.9	2.7	6	20	15	Yellow
6	APS PI22	3.6	5.6	2.7	6	20	15	Yellow
10	APS PI7	4.5	6.7	4.3	8	22	16	Black
16	APS PI8	5.8	8.2	5.5	10	26	16	Black



Material: Copper
Finish: Tin Plated
Insulation: PVC
Ref. Standard: IS 191

Cable Lugs

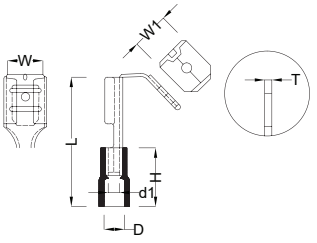
Pin Type Terminals - Pre Insulated

Pin Type Terminals - Pre Insulated								
Size	APS Cat No	d1	d3	d	b	j	j-1	Color
1.5	APS PI17D	1.6	3.2	1.9	5	17	10	Red
2.5	APS PI18D	2.3	3.9	1.9	5	17	10	Blue
4	APS PI20D	2.9	3.9	2.7	6	20	15	Yellow
6	APS PI22D	3.6	5.6	2.7	6	20	15	Yellow

Material: Copper
Finish: Tin Plated
Insulation: PVC + Copper Sleeve
Ref. Standard: IS 191

Piggyback Disconnect - Nylon Insulated

Size/mm²	Tab Size	APS Cat No	W	W1	L	H	d1	D	T	Color
1.5 mm²	0.8 x 6.5	APS PBDN 1.25-250	7.5	6.3	22.5	10	1.7	4	0.4	Red
2.5 mm²	0.8 x 6.5	APS PBDN 2-250	7.5	6.3	22.5	10	2.3	4.8	0.4	Blue
4~6 mm²	0.8 x 6.5	APS PBDN 5.5-250	7.5	6.3	24	13	3.4	6.5	0.4	Yellow



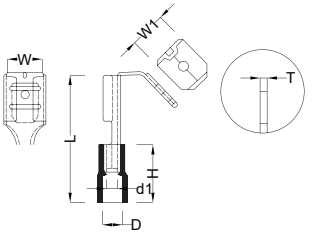
Material: Brass
Finish: Tin Plated
Insulation: Nylon

Snap On Terminal

Piggyback Disconnect- Vinyl Insulated

Piggyback Disconnect - VINYL Insulated

Size/mm²	Tab Size	APS Cat No	W	W1	L	H	d1	D	T	Color
1.5 mm²	0.8 x 6.5	APS PBD 1.25-250	7.5	6.3	22.5	10	1.7	4	0.4	Red
2.5 mm²	0.8 x 6.5	APS PBD 2-250	7.5	6.3	22.5	10	2.3	4.8	0.4	Blue
4~6 mm²	0.8 x 6.5	APS PBD 5.5-250	7.5	6.3	24	13	3.4	6.5	0.4	Yellow



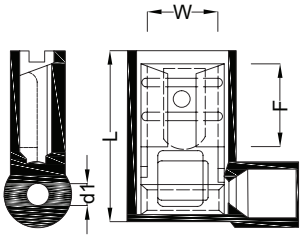
Material: Brass
Finish: Tin Plated
Insulation: Vinly (PVC)

Snap On Terminal

Flag Female Disconnect - Nylon Insulated

Flag Female Disconnect - Nylon Insulated

Size/mm²	Tab Size	APS Cat No	W	L	d1	L	T	Color
1.5 mm²	0.8 x 6.5	APS FLDN 1.25-250	7.5	8.5	1.7	15	0.4	Red
2.5 mm²	0.8 x 6.5	APS FLDN 2-250	7.5	8.5	2.3	16	0.4	Blue
4~6 mm²	0.8 x 6.5	APS FLDN 5.5-250	7.5	8.5	3.4	18	0.4	Yellow

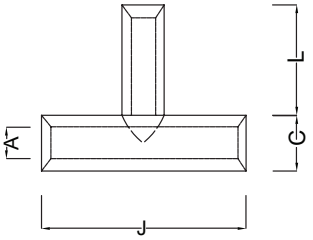


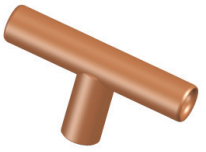
Material: Brass
Surface Finish: Tin Plated
Insulation: Nylon

Copper Tubular T Connector

Size/mm²	Size	APS Cat No	A	C	J	L
C10 - C10	10 mm²	APS CT 10	4.5	7	35	14
C16 - C16	16 mm²	APS CT 16	5.5	8.5	50	21
C25 - C25	25 mm²	APS CT 25	7	10	55	23
C35 - C35	35 mm²	APS CT 35	8.5	12	70	30
C50 - C50	50 mm²	APS CT 50	10	14	80	34
C70 - C70	70 mm²	APS CT 70	12	16.5	85	35
C95 - C95	95 mm²	APS CT 95	13.5	18	90	36
C120 - C120	120 mm²	APS CT 120	15	19.5	95	38
C150 - C150	150 mm²	APS CT 150	16.5	21	110	44
C185 - C185	185 mm²	APS CT 185	19	24	115	45
C240 - C240	240 mm²	APS CT 240	21	26	130	52

NOTE : These T Connector can also be supplied with customize length as per Customer requirement.





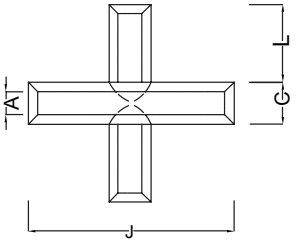
Material: Copper
Finish: Natural / Tin Plated
Ref. Standard: IS 191

Cable Connector
Copper Tubular X Connector

X / Cross Connector

Size/mm²	Size	APS Cat No	A	C	J	L
C10 - C10	10 mm²	APS CC 10	4.5	7	35	14
C16 - C16	16 mm²	APS CC 16	5.5	8.5	50	21
C25 - C25	25 mm²	APS CC 25	7	10	55	23
C35 - C35	35 mm²	APS CC 35	8.5	12	70	30
C50 - C50	50 mm²	APS CC 50	10	14	80	34
C70 - C70	70 mm²	APS CC 70	12	16.5	85	35
C95 - C95	95 mm²	APS CC 95	13.5	18	90	36
C120 - C120	120 mm²	APS CC 120	15	19.5	95	38
C150 - C150	150 mm²	APS CC 150	16.5	21	110	44
C185 - C185	185 mm²	APS CC 185	19	24	115	45
C240 - C240	240 mm²	APS CC 240	21	26	130	52

NOTE : These X Connector can also be supplied with customize length as per Customer requirement.

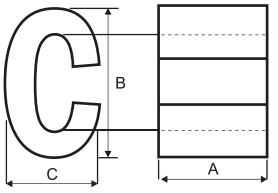


Material: Copper
Finish: Natural / Tin Plated
Ref. Standard: IS 191

CC Earthing Copper Connector

Size/mm²	Size	APS Cat No	A	B	C
C10 - C10	10 mm²	APS C10C	12	12.6	8.4
C16 - C16	16 mm²	APS C16C	17	19.4	12
C25 - C25	25 mm²	APS C25C	17	21.4	13
C35 - C35	35 mm²	APS C35C	21	26.6	15.6
C50 - C50	50 mm²	APS C50C	26	38	21
C70 - C70	70 mm²	APS C70C	28	34	21
C95 - C95	95 mm²	APS C95C	29	41	26
C120 - C120	120 mm²	APS C120C	30	45	28
C150 - C150	150 mm²	APS C150C	30	48	28
C185 - C185	185 mm²	APS C185C	32	52	32
C240 - C240	240 mm²	APS C240C	32	55	38

NOTE : These C Connector can also be supplied with customize length as per Customer requirement.



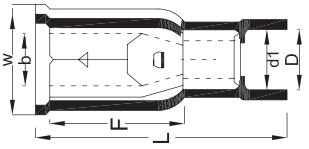
Material: Copper
Surface Finish: Natural / Tin Plated
Ref. Standard: IS 191

Bullet Terminal

Bullet Female Disconnect - Nylon Insulated

Bullet Female Disconnect - Nylon Insulated

Size/mm²	APS Cat No	b	F	L	d1	D	Color
1.5 mm²	APS FRDN 1.25-156	3.9	13	23	1.7	3.8	Red
2.5 mm²	APS FRDN 2-156	3.9	14	23	2.3	4.7	Blue
4~6 mm²	APS FRDN 5.5-195	4.9	14	25	3.4	6.2	Yellow



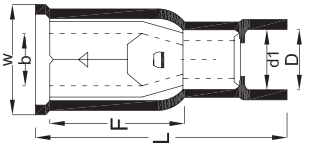
Material: Brass
Surface Finish: Tin Plated
Insulation: Nylon

Bullet Terminal

Bullet Female Disconnect - Vinyl Insulated

Bullet Female Disconnect - Vinyl Insulated

Size/mm²	APS Cat No	b	F	L	d1	D	Color
1.5 mm²	APS FRD 1.25-156	3.9	13	23	1.7	3.8	Red
2.5 mm²	APS FRD 2-156	3.9	14	23	2.3	4.7	Blue
4~6 mm²	APS FRD 5.5-195	4.9	14	25	3.4	6.2	Yellow



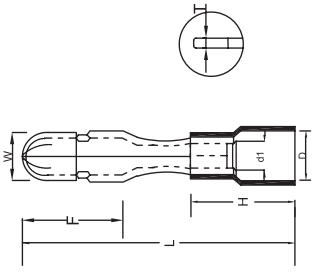
Material: Brass
Surface Finish: Tin Plated
Insulation: Vinyl (PVC)

Bullet Terminal

Bullet Male Disconnect - Nylon Insulated

Bullet Male Disconnect - Nylon Insulated

Size/mm²	APS Cat No	W	F	L	H	d1	D	Color
1.5 mm²	APS MPDN 1.25-156	4	9	21	10	1.7	3.8	Red
2.5 mm²	APS MPDN 2-156	4	9	21	10	2.3	4.7	Blue
4~6 mm²	APS MPDN 5.5-195	5	9	24	13	3.4	6.2	Yellow



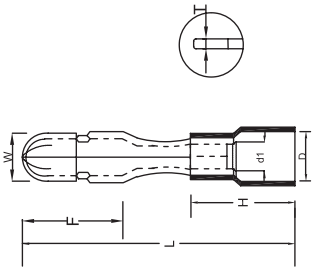
Material: Brass
Surface Finish: Tin Plated
Insulation: Nylon

Bullet Terminal

Bullet Male Disconnect - Vinyl Insulated

Bullet Male Disconnect - Vinyl Insulated

Size/ mm²	APS Cat No	W	F	L	H	d1	D	Color
1.5 mm²	APS MPD 1.25-156	4	9	21	10	1.7	3.8	Red
2.5 mm²	APS MPD 2-156	4	9	21	10	2.3	4.7	Blue
4~6 mm²	APS MPD 5.5-195	5	9	24	13	3.4	6.2	Yellow



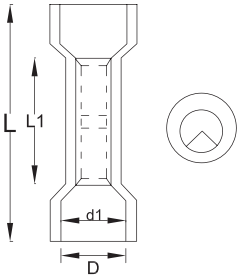
Material: Brass
Surface Finish: Tin Plated
Insulation: Vinyl

Cable Connector

Butt Splice Insulated Connector

Butt Splice Insulated Connector

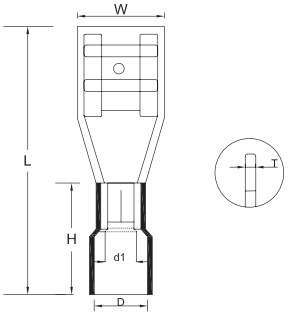
Size/mm²	APS Cat No	L	L1	D	d1	Color
1.5	APS 1.25 BV	24.6	15	4.2	2.1	Red
2.5	APS 2 BV	24.6	15	4.7	2.8	Blue
4-6	APS 5.5 BV	26	15	6.3	4.2	Yellow
6-10	APS 8 BV	35	21	8.5	5	Red
10-16	APS 14 BV	45	26	10.5	6.6	Blue
16-25	APS 22 BV	52	29	12.5	8	Yellow
25-35	APS 38 BV	55	32	15.5	10	Red



Material: Copper
Finish: Natural / Tin Plated
PVC Insulated (Flare)
Ref. Standard: IS 191

Female Disconnect - Nylon Insulated

Size/ mm²	Tab Size	APS Cat No	W	L	H	d1	D	T	Color
1.5 mm²	0.5 x 2.8	APS FDN 1.25-110(5)	3.8	19	10	1.7	3.7	0.3	Red
1.5 mm²	0.8 x 2.8	APS FDN 1.25-110(8)	3.8	19	10	1.7	3.7	0.4	
1.5 mm²	0.5 x 4.8	APS FDN 1.25-187(5)	5.8	19	10	1.7	3.7	0.3	
1.5 mm²	0.8 x 4.8	APS FDN 1.25-187(8)	5.8	19	10	1.7	3.7	0.4	
1.5 mm²	0.8 x 6.5	APS FDN 1.25-250	7.5	21	10	1.7	3.7	0.4	
2.5 mm²	0.5 x 2.8	APS FDN 2-110(5)	3.8	19	10	2.3	4.3	0.3	Blue
2.5 mm²	0.8 x 2.8	APS FDN 2-110(8)	3.8	19	10	2.3	4.3	0.4	
2.5 mm²	0.5 x 4.8	APS FDN 2-187(5)	5.8	19	10	2.3	4.3	0.3	
2.5 mm²	0.8 x 4.8	APS FDN 2-187(8)	5.8	19	10	2.3	4.3	0.4	
2.5 mm²	0.8 x 6.5	APS FDN 2-250	7.5	21	10	2.3	4.3	0.4	
4~6 mm²	0.8 x 6.5	APS FDN 5.5-250	7.5	24	13	3.4	5.6	0.4	Yellow
4~6 mm²	0.8 x 8.0	APS FDN 5.5-312	9.1	26.5	13	3.4	5.6	0.4	



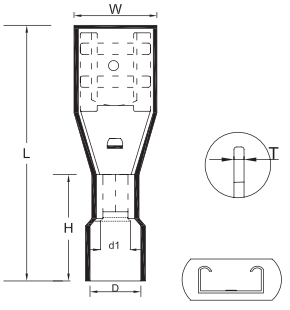
Material: Brass
Surface Finish: Tin Plated
Insulation: Nylon

Snap On Terminal

Female Disconnect - Nylon Fully Insulated

Female Disconnect - Nylon Fully Insulated

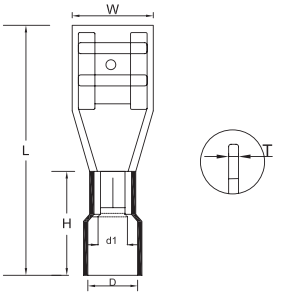
Size/mm²	Tab Size	APS Cat No	W	L	H	d1	D	T	Color
1.5 mm²	0.5 x 2.8	APS FDFN 1.25-110(5)	3.8	19.5	11	1.7	4	0.3	Red
1.5 mm²	0.8 x 2.8	APS FDFN 1.25-110(8)	3.8	19.5	11	1.7	4	0.4	
1.5 mm²	0.5 x 4.8	APS FDFN 1.25-187(5)	5.8	20	11	1.7	4	0.3	
1.5 mm²	0.8 x 4.8	APS FDFN 1.25-187(8)	5.8	20	11	1.7	4	0.4	
1.5 mm²	0.8 x 6.5	APS FDFN 1.25-250	7.5	22	11	1.7	4	0.4	
2.5 mm²	0.5 x 4.8	APS FDFN 2-187(5)	5.8	20	11	2.3	4.5	0.3	Blue
2.5 mm²	0.8 x 4.8	APS FDFN 2-187(8)	5.8	20	11	2.3	4.5	0.4	
2.5 mm²	0.8 x 6.5	APS FDFN 2-250	7.5	22	11	2.3	4.5	0.4	
4~6 mm²	0.8 x 6.5	APS FDFN 5.5-250	7.5	24	13	3.4	6.3	0.4	Yellow



Material: Brass
Surface Finish: Tin Plated
Insulation: Nylon

Female Disconnect - Vinyl Insulated

Size/mm²	Tab Size	APS Cat No	W	L	H	d1	D	T	Color
1.5 mm²	0.5 x 2.8	APS FD 1.25-110(5)	3.8	19	10	1.7	3.7	0.3	Red
1.5 mm²	0.8 x 2.8	APS FD 1.25-110(8)	3.8	19	10	1.7	3.7	0.4	
1.5 mm²	0.5 x 4.8	APS FD 1.25-187(5)	5.8	19	10	1.7	3.7	0.3	
1.5 mm²	0.8 x 4.8	APS FD 1.25-187(8)	5.8	19	10	1.7	3.7	0.4	
1.5 mm²	0.8 x 6.5	APS FD 1.25-250	7.5	21	10	1.7	3.7	0.4	
2.5 mm²	0.5 x 2.8	APS FD 2-110(5)	3.8	19	10	2.3	4.3	0.3	Blue
2.5 mm²	0.8 x 2.8	APS FD 2-110(8)	3.8	19	10	2.3	4.3	0.4	
2.5 mm²	0.5 x 4.8	APS FD 2-187(5)	5.8	19	10	2.3	4.3	0.3	
2.5 mm²	0.8 x 4.8	APS FD 2-187(8)	5.8	19	10	2.3	4.3	0.4	
2.5 mm²	0.8 x 6.5	APS FD 2-250	7.5	21	10	2.3	4.3	0.4	
4~6 mm²	0.8 x 6.5	APS FD 5.5-250	7.5	24	13	3.4	5.6	0.4	Yellow
4~6 mm²	0.8 x 8.0	APS FD 5.5-312	9.1	26.5	13	3.4	5.6	0.4	



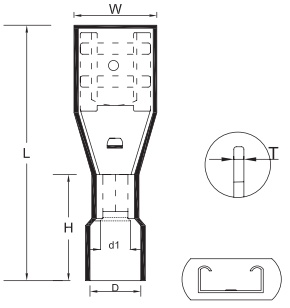
Material: Brass
Surface Finish: Tin Plated
Insulation: Vinyl

Snap On Terminal

Female Disconnect - Vinyl Fully Insulated

Female Disconnect - Vinyl Fully Insulated

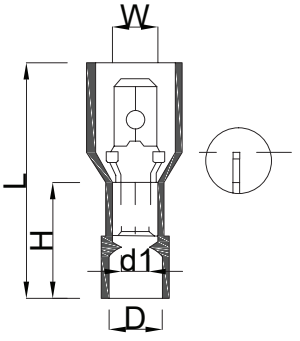
Size/mm²	Tab Size	APS Cat No	W	L	H	d1	D	T	Color
1.5 mm²	0.5 x 2.8	APS FDF 1.25-110(5)	3.8	19.5	11	1.7	4	0.3	Red
1.5 mm²	0.8 x 2.8	APS FDF 1.25-110(8)	3.8	19.5	11	1.7	4	0.4	
1.5 mm²	0.5 x 4.8	APS FDF 1.25-187(5)	5.8	20	11	1.7	4	0.3	
1.5 mm²	0.8 x 4.8	APS FDF 1.25-187(8)	5.8	20	11	1.7	4	0.4	
1.5 mm²	0.8 x 6.5	APS FDF 1.25-250	7.5	22	11	1.7	4	0.4	
2.5 mm²	0.5 x 4.8	APS FDF 2-187(5)	5.8	20	11	2.3	4.5	0.3	Blue
2.5 mm²	0.8 x 4.8	APS FDF 2-187(8)	5.8	20	11	2.3	4.5	0.4	
2.5 mm²	0.8 x 6.5	APS FDF 2-250	7.5	22	11	2.3	4.5	0.4	
4~6 mm²	0.8 x 6.5	APS FDF 5.5-250	7.5	24	13	3.4	6.3	0.4	Yellow



Material: Brass
Surface Finish: Tin Plated
Insulation: Vinyl (PVC)

Male Disconnect - Fully Nylon Insulated

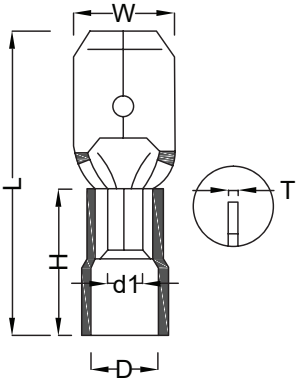
Size/mm²	Tab Size	APS Cat No	W	L	H	d1	D	T	Color
1.5 mm²	0.8 x 6.5	APS MDFN 1.25-250	6.5	24	11	1.7	4	0.4	Red
2.5 mm²	0.8 x 6.5	APS MDFN 2-250	6.5	24	11	2.3	4.5	0.4	Blue
4~6 mm²	0.8 x 6.5	APS MDFN 5.5-250	6.5	25	13	3.4	6.3	0.4	Yellow

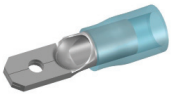


Material: Brass
Finish: Tin Plated
Insulation: Nylon

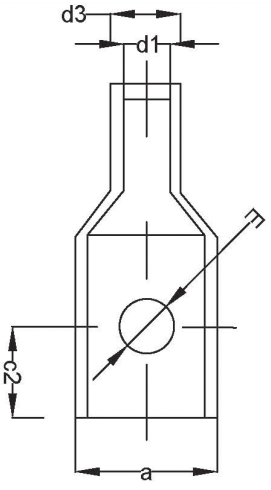
Male Disconnect - Nylon Insulated

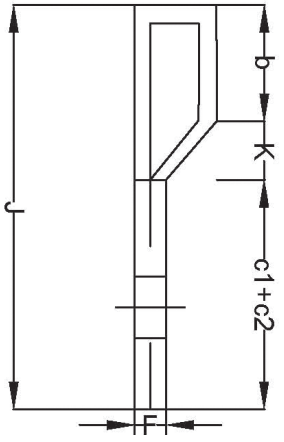
Size/mm²	Tab Size	APS Cat No	W	L	H	d1	D	T	Color
1.5 mm²	0.5 x 2.8	APS MDN 1.25-110(5)	2.8	19	10	1.7	3.7	0.3	Red
1.5 mm²	0.8 x 2.8	APS MDN 1.25-110(8)	2.8	19	10	1.7	3.7	0.4	
1.5 mm²	0.5 x 4.8	APS MDN 1.25-187(5)	4.8	19	10	1.7	3.7	0.3	
1.5 mm²	0.8 x 4.8	APS MDN 1.25-187(8)	4.8	19	10	1.7	3.7	0.4	
1.5 mm²	0.8 x 6.5	APS MDN 1.25-250	6.5	21	10	1.7	3.7	0.4	
2.5 mm²	0.5 x 2.8	APS MDN 2-110(5)	2.8	19	10	2.3	4.3	0.3	Blue
2.5 mm²	0.5 x 4.8	APS MDN 2-187(5)	4.8	19	10	2.3	4.3	0.3	
2.5 mm²	0.8 x 4.8	APS MDN 2-187(8)	4.8	19	10	2.3	4.3	0.4	
2.5 mm²	0.8 x 6.5	APS MDN 2-250	6.5	21	10	2.3	4.3	0.4	
4~6 mm²	0.8 x 6.5	APS MDN 5.5-250	6.5	25	13	3.4	5.6	0.4	Yellow





Material: Brass
Finish: Tin Plated
Insulation: Nylon





Material: Copper
Finish: Natural / Tin Plated
Type: Copper Single Hole Short Barrel
Applicable Standard: UL 486A-486B

Copper Single Hole Short Barrel Color Coded

APS Part no	Wire Size	Stud Size (E)	Color Code	Dimension(in.)								Tool & Die Refernce	No of Crimp	Strip
				d1	d3	J	b	a	f	c2	c1+c2			
APS SHSB 001	# 8	#10	RED	0.17	0.27	1.28	0.49	0.42	0.08	0.28	0.59	M=MH-14	2.00	25/64
APS SHSB 002		1/4		0.17	0.27	1.28	0.49	0.42	0.08	0.28	0.59			
APS SHSB 003	# 6	#10	BLUE	0.20	0.30	1.50	0.71	0.42	0.08	0.30	0.67	M=MH-14	2.00	5/8
APS SHSB 004		1/4		0.20	0.30	1.50	0.71	0.42	0.08	0.30	0.67			
APS SHSB 005		5/16		0.20	0.30	1.50	0.71	0.49	0.07	0.30	0.67			
APS SHSB 006	# 4	#10	GREY	0.25	0.34	1.50	0.71	0.49	0.08	0.30	0.67	I=ECO50 DIE. UL087	2.00	5/8
APS SHSB 008		1/4		0.25	0.34	1.50	0.71	0.49	0.08	0.30	0.67			
APS SHSB 009		5/16		0.25	0.34	1.50	0.71	0.49	0.08	0.31	0.67			
APS SHSB 010		3/8		0.25	0.34	1.50	0.71	0.59	0.07	0.31	0.67			
APS SHSB 010A		3/16		0.25	0.34	1.50	0.71	0.49	0.09	0.31	0.67			
APS SHSB 011	# 2	1/4	BROWN	0.31	0.42	1.80	0.83	0.60	0.10	0.37	0.81	I=ECO50 DIE. UL107	1.00	3/4
APS SHSB 012		5/16		0.31	0.42	1.80	0.83	0.60	0.00	0.37	0.81			
APS SHSB 013		3/8		0.31	0.42	1.80	0.83	0.60	0.00	0.37	0.81			
APS SHSB 014	# 1	1/4	GREEN	0.36	0.47	1.83	0.83	0.67	0.11	0.37	0.81	I=ECO50 DIE. UL119	1.00	3/4
APS SHSB 015		5/16		0.36	0.47	1.83	0.83	0.67	0.11	0.37	0.81			
APS SHSB 016		3/8		0.36	0.47	1.83	0.83	0.67	0.11	0.39	0.81			

APS SHSB 017	1/0 AWG	1/4	PINK	0.39	0.52	1.83	0.83	0.77	0.13	0.37	0.81	I=ECO50 DIE. UL132	1.00	3/4
APS SHSB 018		5/16		0.39	0.52	1.83	0.83	0.77	0.13	0.37	0.81			
APS SHSB 019		3/8		0.39	0.52	1.83	0.83	0.77	0.13	0.37	0.81			
APS SHSB 019A		1/2		0.39	0.52	1.83	0.83	0.77	0.13	0.37	0.81			
APS SHSB 020	2/0 AWG	1/4	BLACK	0.44	0.56	2.24	0.94	0.81	0.12	0.47	1.06	I=ECO50 DIE. UL143	1.00	53/64
APS SHSB 021		5/16		0.44	0.56	2.24	0.94	0.81	0.12	0.47	1.06			
APS SHSB 022		3/8		0.44	0.56	2.24	0.94	0.81	0.12	0.47	1.06			
APS SHSB 023		1/2		0.44	0.56	2.24	0.94	0.81	0.12	0.47	1.06			
APS SHSB 024	3/0 AWG	1/4	ORANGE	0.49	0.62	2.36	0.98	0.90	0.13	0.47	1.06	I=ECO50 DIE. UL158	1.00	53/64
APS SHSB 025		5/16		0.49	0.62	2.36	0.98	0.90	0.13	0.47	1.06			
APS SHSB 026		3/8		0.49	0.62	2.36	0.98	0.90	0.13	0.47	1.06			
APS SHSB 027		1/2		0.49	0.62	2.36	0.98	0.90	0.13	0.47	1.06			
APS SHSB 028	4/0 AWG	1/4	PURPLE	0.55	0.69	2.36	0.98	1.00	0.13	0.47	1.06	I=ECO50 DIE. UL175	1.00	53/64
APS SHSB 029		5/16		0.55	0.69	2.36	0.98	1.00	0.13	0.47	1.06			
APS SHSB 030		3/8		0.55	0.69	2.36	0.98	1.00	0.13	0.47	1.06			
APS SHSB 031		1/2		0.55	0.69	2.36	0.98	1.00	0.13	0.47	1.06			
APS SHSB 032	250 MCM	3/8	YELLOW	0.59	0.75	2.48	1.06	1.09	0.15	0.47	1.06	I=ECO50 DIE. UL191	2.00	1.00
APS SHSB 033		1/2		0.59	0.75	2.48	1.06	1.09	0.15	0.47	1.06			
APS SHSB 034	300 MCM	1/2	WHITE	0.66	0.81	2.48	1.06	1.19	0.15	0.52	1.06	I=ECO50 DIE. UL207	2.00	1 3/64
APS SHSB 035		5/8		0.66	0.81	2.80	1.06	1.19	0.15	0.52	1.38			
APS SHSB 036	350 MCM	1/2	RED	0.70	0.87	2.60	1.10	1.28	0.17	0.52	1.06	I=REC-5510 DIE.UL222	2.00	1 3/64
APS SHSB 037		5/8		0.70	0.87	2.91	1.10	1.28	0.17	0.52	1.38			
APS SHSB 038	400 MCM	1/2	BLUE	0.76	0.95	3.79	1.18	1.39	0.18	0.52	1.38	I=REC-5510 DIE.UL241	2.00	1 1/32
APS SHSB 039		5/8		0.76	0.95	3.79	1.18	1.39	0.18	0.52	1.38			
APS SHSB 040	500 MCM	1/2	BROWN	0.83	1.63	3.28	1.38	1.54	0.22	0.52	1.38	I=REC-5510 DIE.UL270	2.00	1 1 /4
APS SHSB 041		5/8		0.83	1.63	3.28	1.38	1.54	0.22	0.52	1.38			
APS SHSB 042	600 MCM	1/2	GREEN	0.93	1.19	3.54	1.50	1.72	0.25	0.52	1.46	I=REC-5510 DIE.UL302	3.00	1 3/8
APS SHSB 042A		5/8		0.93	1.19	3.43	1.50	1.72	0.25	0.52	1.46			
APS SHSB 043	750	5/8	BLACK	1.03	1.31	4.38	1.85	1.90	0.27	0.69	1.85	I=REC-5510	3.00	1 23/32

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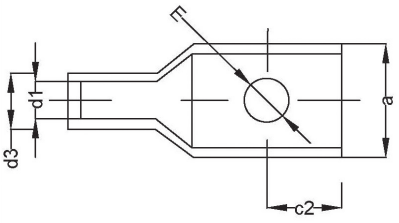

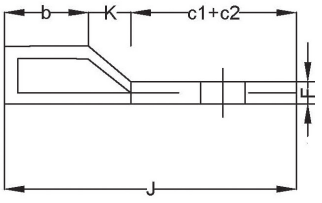

Material: Copper
Finish: Natural / Tin Plated
Type: Copper Single Hole Long Barrel
Applicable Standard: UL 486A-486B

Copper Single Hole Long Barrel Color Coded

APS Part no	Wire Size	Stud	Color Code	Dimension(in.)								Tool & Die Refernce	No of Crimp	Strip
				d1	d3	J	b	a	f	c2	c1+c2			
APS SHLB 064	# 8	1/4	RED	0.17	0.27	1.52	0.81	0.42	0.1	0.28	0.59	M=MH-14	2	45/64
APS SHLB 065	# 6	1/4	BLUE	0.2	0.3	1.77	0.98	0.42	0.1	0.3	0.67	M= MH-14	2	55/64
APS SHLB 065A		3/8		0.2	0.3	1.91	0.98	0.59	0.1	0.37	0.81			
APS SHLB 065B		5/16		0.2	0.3	1.91	0.98	0.59	0.1	0.37	0.81			
APS SHLB 065C		10		0.2	0.3	1.77	0.98	0.42	0.1	0.3	0.67			
APS SHLB 066	# 4	1/4	GREY	0.25	0.34	1.77	0.98	0.49	0.1	0.31	0.67	M= MH-14	2	55/64
APS SHLB 066A		3/8		0.25	0.34	1.91	0.98	0.59	0.1	0.37	0.81			
APS SHLB 066B		5/16		0.25	0.34	1.77	0.98	0.49	0.1	0.31	0.67			
APS SHLB 066C		10		0.25	0.34	1.77	0.98	0.49	0.1	0.31	0.67			
APS SHLB 067	# 2	5/16	BROWN	0.31	0.42	2.07	1.1	0.6	0.1	0.37	0.81	I=EC050 DIE. UL107	2	1 1/64
APS SHLB 067A		3/8		0.31	0.42	2.07	1.1	0.6	0.1	0.37	0.81			
APS SHLB 067B		1/4		0.31	0.42	2.07	1.1	0.6	0.1	0.37	0.81			
APS SHLB 068	# 1	5/16	GREEN	0.36	0.47	2.11	1.1	0.67	0.1	0.37	0.81	I=EC050 DIE. UL119	2	1 1/64
APS SHLB 068A		3/8		0.36	0.47	2.11	1.1	0.67	0.1	0.37	0.81			

APS SHLB 069	1/0 AWG	5/16	PINK	0.39	0.52	2.21	1.2	0.74	0.1	0.37	0.81	I=ECO50 DIE. UL132	2	1 3/32
APS SHLB 070		3/8		0.39	0.52	2.21	1.2	0.74	0.1	0.37	0.81			
APS SHLB 070A		1/2		0.39	0.52	2.5	1.2	0.74	0.1	0.47	1.06			
APS SHLB 071	2/0 AWG	3/8	BLACK	0.44	0.56	2.68	1.38	0.81	0.1	0.47	1.06	I=ECO50 DIE. UL143	2	1 1/4
APS SHLB 071A		1/2		0.44	0.56	2.68	1.38	0.81	0.1	0.47	1.06			
APS SHLB 072	3/0 AWG	3/8	ORANGE	0.49	0.62	2.8	1.38	0.9	0.1	0.47	1.06	I=ECO50 DIE. UL158	2	1 1/4
APS SHLB 072A		1/2		0.49	0.62	2.8	1.38	0.9	0.1	0.47	1.06			
APS SHLB 073	4/0 AWG	3/8	PURPLE	0.55	0.69	2.8	1.42	1	0.1	0.52	1.06	I=ECO50 DIE. UL175	2	1 1/4
APS SHLB 073A		1/2		0.55	0.69	2.8	1.42	1	0.1	0.52	1.06			
APS SHLB 074	250 MC	3/8	YELLOW	0.59	0.75	3.03	1.61	1.09	0.1	0.52	1.06	I=ECO50 DIE. UL191	2	1 31/64
APS SHLB 074A		1/2		0.59	0.75	3.03	1.61	1.09	0.1	0.52	1.06			
APS SHLB 075	300 MCM	1/2	WHITE	0.66	0.81	3.39	1.97	1.19	0.1	0.52	1.06	I=ECO50 DIE. UL207	3	1 27/32
APS SHLB 076	350 MCM	1/2	RED	0.7	0.87	3.46	1.97	1.28	0.2	0.52	1.06	I=REC-5510 DIE.UL222	3	1 27/32
APS SHLB 076A		5/8		0.7	0.87	2.28	1.97	1.28	0.2	0.51	1.06			
APS SHLB 077	400 MCM	1/2	BLUE	0.76	0.95	3.86	1.97	1.39	0.2	0.51	1.38	I=REC-5510 DIE.UL241	4	1 27/32
APS SHLB 078		5/8		0.76	0.95	3.86	1.97	1.39	0.2	0.67	1.38			
APS SHLB 079	500 MCM	1/2	BROWN	0.83	1.06	4.13	2.24	1.54	0.2	0.51	1.38	I=REC-5510 DIE.UL270	4	2 5/32
APS SHLB 080		5/8		0.83	1.06	4.13	2.24	1.54	0.2	0.67	1.38			
APS SHLB 081	600 MCM	5/8	GREEN	0.93	1.19	4.25	2.24	1.72	0.3	0.69	1.46	I=REC-5510 DIE.UL300	4	2 5/32
APS SHLB 082	750 MCM	5/8	BLACK	1.03	1.31	5.16	2.64	1.9	0.3	0.69	1.85	I=REC-5510 DIE.UL333	4	2 17/32

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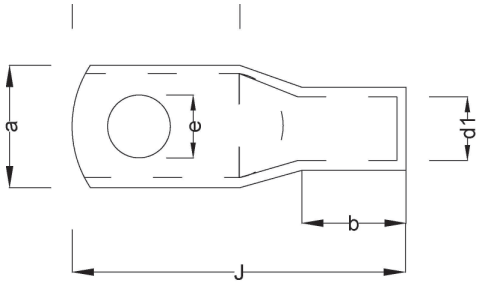

Material: ETP Copper
Surface Finish: Tin Plated
Type: Copper Single Hole Heavy Duty
Applicable Standard: UL 486A-486B

Copper Single Hole Heavy Duty Series

APS Part no	Wire Size	Stud Size (E)	Color Code	Dimension(in.)						Tool & Die Refernce	No of Crimps	Strip Length
				d1	d3	J	a	c1+c2	b			
APS HD 801	# 8	1/4	RED	0.19	0.28	1.12	0.47	0.55	0.39	M=MH-14	1	5/16
APS HD 802		5/16		0.19	0.28	1.38	0.51	0.79	0.39			
APS HD 803		3/8		0.19	0.28	1.54	0.59	0.94	0.39			
APS HD 804		1/2		0.19	0.28	1.65	0.67	1.02	0.39			
APS HD 811	# 6	1/4	BLUE	0.21	0.34	1.31	0.47	0.54	0.51	I=ECO50 DIE.UL851	1	27/64
APS HD 812		5/16		0.21	0.34	1.48	0.55	0.71	0.51			
APS HD 813		3/8		0.21	0.34	1.63	0.59	0.87	0.51			
APS HD 814		1/2		0.21	0.34	1.77	0.67	0.98	0.51			
APS HD 821	# 4	1/4	GREY	0.27	0.39	1.48	0.55	0.59	0.59	I=ECO50 DIE.UL100	1	35/64
APS HD 822		3/8		0.27	0.39	1.65	0.67	0.79	0.59			
APS HD 823		5/16		0.27	0.39	1.81	0.63	0.94	0.59			
APS HD 824		1/2		0.27	0.39	1.89	0.67	1.02	0.59			
APS HD 831	# 1	1/4	PINK	0.39	0.55	1.85	0.79	0.79	0.79	I=ECO50 DIE.UL140	1	45/64
APS HD 832		5/16		0.39	0.55	1.85	0.79	0.79	0.79			
APS HD 833		3/8		0.39	0.55	2.01	0.79	0.94	0.79			
APS HD 834		1/2		0.39	0.55	2.21	0.83	1.02	0.79			
APS HD 851	1/0 AWG	1/4	BLACK	0.45	0.61	1.97	0.87	0.79	0.79	I=ECO50 DIE.UL155	1	45/64
APS HD 852		5/16		0.45	0.61	1.97	0.87	0.79	0.79			
APS HD 853		3/8		0.45	0.61	2.13	0.87	0.94	0.79			
APS HD 854		1/2		0.45	0.61	2.28	0.91	1.02	0.79			
APS HD 862	2/0 AWG	5/16	OR-ANGE	0.47	0.65	2.06	0.91	0.79	0.83	I=ECO50 DIE.UL155	1	45/64
APS HD 863		3/8		0.47	0.65	2.17	0.91	0.94	0.83			
APS HD 864		1/2		0.47	0.65	2.32	0.91	1.02	0.83			
APS HD 873	3/0 AWG	3/8	PUR-PLE	0.53	0.71	2.36	1.02	0.94	0.98	I=ECO50 DIE.UL180	2	57/64
APS HD 874		1/2		0.53	0.71	2.44	1.02	1.02	0.98			
APS HD 883	4/0 AWG	3/8	YEL-LOW	0.59	0.77	2.56	1.10	1.10	1.02	I=ECO50 DIE.UL195	2	15/16
APS HD 884		1/2		0.59	0.77	2.56	1.10	1.10	1.02			

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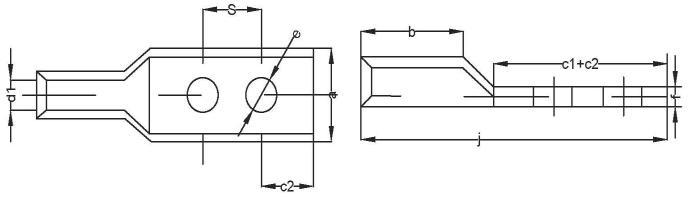

Material: ETP Copper
Surface Finish: Tin Plated
Type: Copper Two Hole Short Barrel
Applicable Standard: UL 486A-486B

Copper Two Hole Short Barrel Color Coded

APS Part no	Wire Range	Stud	Hole Spac-ing (S)	Colour Code	Dimension (in.)								TOOL& DIE REFERENCE	No of Crimp	Strip
					d1	d3	J	b	a	F	c2	c1+c2			
APS THSB 044	# 8	10	` 5/8	RED	0.17	0.27	1.82	0.44	0.42	0.08	0.28	1.26	M=MH14	2	25/64
APS THSB 045	# 6	1/4	5/8	BLUE	0.20	0.30	2.09	0.71	0.42	0.08	0.28	1.26	M=MH14	2	5/8
APS THSB 045A		1/4	1		0.20	0.30	2.64	0.71	0.42	0.08	0.28	1.81	M=MH14		
APS THSB 045B		3/8	1		0.20	0.30	2.64	0.71	0.57	0.08	0.38	1.81	M=MH14		
APS THSB 046	# 4	1/4	5/8	GREY	0.25	0.34	2.09	0.71	0.49	0.09	0.28	1.26	M=MH14	2	21/32
APS THSB 046A		1/4	1		0.25	0.34	2.68	0.75	0.49	0.09	0.28	1.81	M=MH14		
APS THSB 046B		3/8	1		0.25	0.34	2.68	0.75	0.57	0.08	0.38	1.81	M=MH14		
APS THSB 047	# 2	5/16	3/4	BROWN	0.31	0.42	2.62	0.83	0.60	0.10	0.32	1.61	I=ECO50DIE. UL107	1	47/64
APS THSB 047A		1/4	5/8		0.31	0.42	2.28	0.83	0.60	0.10	0.28	1.26	I=ECO50DIE. UL107		
APS THSB 047B		3/8	1		0.31	0.42	2.83	0.83	0.60	0.10	0.28	1.81	I=ECO50DIE. UL107		
APS THSB 047C		1/4	3/4		0.31	0.42	2.36	0.83	0.60	0.10	0.28	1.38	I=ECO50DIE. UL107		
APS THSB 047D		1/4	1		0.31	0.42	2.80	0.83	0.60	0.10	0.28	1.81	I=ECO50DIE. UL107		
APS THSB 048	# 1	1/4	5/8	GREEN	0.36	0.47	2.28	0.83	0.67	0.11	0.28	1.26	I=ECO50DIE. UL119	1	47/64
APS THSB 049	1/0 AWG	5/16	7/8	PINK	0.39	0.52	2.64	0.83	0.74	0.13	0.32	1.62	I=ECO50DIE. UL132	2	47/64
APS THSB 050		3/8	1		0.39	0.52	2.83	0.83	0.74	0.13	0.38	1.81	I=ECO50DIE. UL132		

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Copper Two Hole Short Barrel Color Coded

APS Part no	Wire Range	Stud	Hole Spacing (S)	Colour Code	Dimension (in.)								TOOL& DIE REFERENCE	No of Crimp	Strip
					d1	d3	J	b	a	F	c2	c1+c2			
APS THSB 051	2/0 AWG	3/8	1	BLACK	0.44	0.56	2.99	0.94	0.81	0.12	0.38	1.81	I=ECO50DIE. UL143	2	55/64
APS THSB 052		1/2	1 3/4		0.44	0.56	4.17	0.94	0.81	0.12	0.62	2.99	I=ECO50DIE. UL143		
APS THSB 053	3/0 AWG	1/2	1 3/4	ORANGE	0.49	0.62	4.29	0.98	0.90	0.13	0.62	2.99	I=ECO50DIE. UL158	2	57/64
APS THSB 053A		3/8	1		0.49	0.62	3.11	0.98	0.90	0.13	0.38	1.81	I=ECO50DIE. UL158		
APS THSB 054	4/0 AWG	1/2	1 3/4	PURPLE	0.55	0.69	4.29	0.98	1.00	0.13	0.62	2.99	I=ECO50DIE. UL175	2	57/64
APS THSB 055		3/8	1		0.55	0.69	3.11	0.98	1.00	0.13	0.38	1.81	I=ECO50DIE. UL175		
APS THSB 056	250 MCM	1/2	1 3/4	YELLOW	0.59	0.75	4.41	1.06	1.09	0.15	0.62	2.99	I=REC-5510 DIE.UL 190	2	31/32
APS THSB 056A		3/8	1		0.59	0.75	3.23	1.06	1.09	0.15	0.38	1.81	I=REC-5510 DIE.UL 190		
APS THSB 057	300 MCM	1/2	1 3/4	WHITE	0.66	0.81	4.41	1.06	1.19	0.15	0.62	2.99	I=REC-5510 DIE.UL 207	2	31/32
APS THSB 058	350 MCM	1/2	1 3/4	RED	0.70	0.87	4.53	1.10	1.28	0.17	0.62	2.99	I=REC-5510 DIE.UL 222	2	1 1/64
APS THSB 058A		3/8	1		0.70	0.87	3.35	1.10	1.28	0.17	0.38	1.81	I=REC-5510 DIE.UL 222		
APS THSB 059	400 MCM	1/2	1 3/4	BLUE	0.76	0.95	4.69	1.18	1.39	0.18	0.62	2.99	I=REC-5510 DIE.UL 241	2	1 3/32
APS THSB 060	500 MCM	1/2	1 3/4	BROWN	0.84	1.06	4.88	1.38	1.54	0.22	0.62	2.99	I=REC-5510 DIE.UL 270	2	1 19/64
APS THSB 060A		3/8	1		0.84	1.06	3.70	1.38	1.54	0.22	0.38	1.81	I=REC-5510 DIE.UL 270		
APS THSB 061	600 MCM	3/8	1 3/4	GREEN	0.93	1.19	4.96	1.50	1.72	0.25	0.62	2.99	I=REC-5510 DIE.UL 300	2	1 13/32
APS THSB 062		1/2	1 3/4		0.93	1.19	5.04	1.50	1.72	0.25	0.62	2.99	I=REC-5510 DIE.UL 300		
APS THSB 062 BR	650 MCM	1/2	1 3/4	PINK	0.97	1.24	5.08	1.38	1.78	0.27	0.53	2.87	I=REC-5510 DIE.UL 315	2	1 21/64
APS THSB 063	750 MCM	1/2	1 3/4	BLACK	1.04	1.31	5.51	1.85	1.90	0.27	0.62	2.99	I=REC-5510 DIE.UL 333	2	1 49/64

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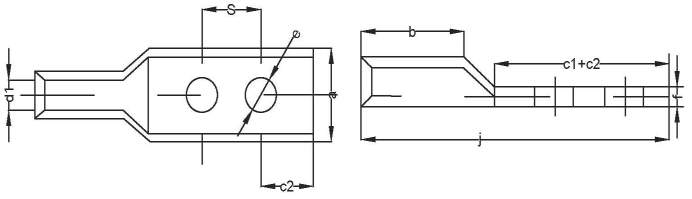

Material: ETP Copper
Surface Finish: Tin Plated
Type: Copper Two Hole Long Barrel
Applicable Standard: UL 486A-486B

Copper Two Hole Short Barrel Color Coded

APS Part no	Wire	Stud	Hole Spac-ing	Colour Code	Dimension (in.)								Tool & Die Ref.	No of	Strip
					d1	d3	j	b	a	f	c2	c1+c2			
APS THLB 083	# 8	10	5/8	RED	0.17	0.27	2.19	0.81	0.42	0.08	0.28	1.26	M=MH14	2	45/64
APS THLB 084		1/4	5/8		0.17	0.27	2.19	0.81	0.42	0.08	0.28	1.26			
APS THLB 085	# 6	1/4	5/8	BLUE	0.20	0.30	2.36	0.98	0.42	0.08	0.28	1.14	M=MH14	2	55/64
APS THLB 085 A		1/4	1/2		0.20	0.30	2.24	0.98	0.42	0.08	0.28	2.99			
APS THLB		1/2	1 3/4		0.20	0.30	4.09	0.98	0.71	0.12	0.62	1.38			
APS THLB 085 C		1/4	3/4		0.20	0.30	2.48	0.98	0.42	0.08	0.28	1.81			
APS THLB		3/8	1		0.20	0.30	2.91	0.98	0.42	0.08	0.38	1.26			
APS THLB 086	# 4	1/4	5/8	GREY	0.25	0.34	2.36	0.98	0.49	0.09	0.28	1.81	M=MH14	2	55/64
APS THLB 086A		3/8	1		0.25	0.34	2.95	0.98	0.42	0.09	0.38	1.26			
APS THLB 086B		1/4	3/4		0.25	0.34	2.52	0.98	0.49	0.09	0.28	1.65			
APS THLB 087		1/2	1 3/4		0.25	0.34	4.09	0.98	0.87	0.12	0.62	1.38			
APS THLB 088	# 2	0.3125	3/4	BROWN	0.31	0.42	2.87	1.10	0.60	0.10	0.32	2.99	I=ECO50 DIE.UL 107	2	1 1/64
APS THLB 088A		3/8	1		0.31	0.42	3.07	1.10	0.60	0.10	0.38	1.61			
APS THLB 088B		1/4	5/8		0.31	0.42	2.52	1.10	0.60	0.10	0.28	1.81			
APS THLB 088C		1/4	3/4		0.31	0.42	2.64	1.10	0.60	0.10	0.28	1.26			
APS THLB 089		0.3125	7/8		0.31	0.42	2.87	1.10	0.60	0.10	0.32	1.38			
APS THLB 090		1/2	1 3/4		0.31	0.42	4.25	1.10	0.81	0.10	0.62	1.61			
APS THLB 091	# 1	1/4	5/8	GREEN	0.36	0.47	2.56	1.10	0.67	0.11	0.28	2.99	I=ECO50 DIE.UL 119	2	1 1/64
APS THLB 091A		3/8	1		0.36	0.47	3.07	1.10	0.67	0.11	0.38	1.26			
APS THLB 091B		1/4	3/4		0.36	0.47	2.68	1.10	0.67	0.11	0.28	1.81			

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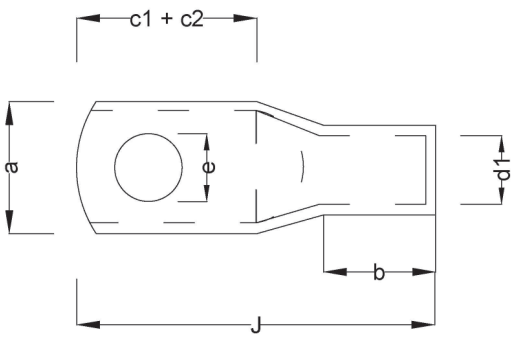
Copper Two Hole Short Barrel Color Coded

APS Part no	Wire	Stud	Hole Spac-ing	Colour Code	Dimension (in.)								Tool & Die Ref.	No of Crimps	Strip
					d1	d3	j	b	a	f	c2	c1+c2			
APS THLB 092B	#1	3/8	7/8	GREEN	0.36	0.47	2.93	1.10	0.67	0.11	0.32	1.38	I=ECO50 DIE.UL 119	2	1 1/64
APS THLB 093		1/2	1 3/4		0.36	0.47	4.29	1.10	0.75	0.10	0.62	1.61			
APS THLB 094	1/0 AWG	0.3125	7/8	PINK	0.39	0.52	3.01	1.20	0.74	0.13	0.32	2.99	I=ECO50 DIE.UL 132	2	1 3/32
APS THLB 095		3/8	1		0.39	0.52	3.21	1.20	0.74	0.13	0.38	1.61			
APS THLB 096		1/2	1 3/4		0.39	0.52	4.63	1.20	0.74	0.12	0.62	1.81			
APS THLB 097	2/0 AWG	3/8	1	BLACK	0.44	0.56	3.43	1.38	0.81	0.12	0.38	2.99	I=ECO50 DIE.UL 143	2	1 19/64
APS THLB 097A		1/4	3/4		0.44	0.56	2.99	1.38	0.81	0.12	0.28	1.81			
APS THLB 098		1/2	1 3/4		0.44	0.56	4.61	1.38	0.81	0.12	0.62	1.38			
APS THLB 099	3/0 AWG	0.3125	1	ORANGE	0.49	0.62	3.50	1.38	0.90	0.13	0.32	1.81	I=ECO50 DIE.UL 158	2	1 19/64
APS THLB 099A		3/8	1		0.49	0.62	3.50	1.38	0.90	0.13	0.38	1.81			
APS THLB 100		3/8	1 3/4		0.49	0.62	4.65	1.38	0.90	0.13	0.38	2.99			
APS THLB 100A		1/2	1 3/4		0.49	0.62	4.65	1.38	0.90	0.13	0.62	2.99			
APS THLB 101	4/0 AWG	3/8	1	PURPLE	0.49	0.69	3.54	1.42	1.00	0.13	0.38	1.81	I=ECO50 DIE.UL 175	2	1 21/64
APS THLB 102		1/2	1 3/4		0.55	0.69	4.72	1.42	1.00	0.13	0.62	2.99			
APS THLB 103	250 MCM	3/8	1	YELLOW	0.59	0.75	3.78	1.61	1.09	0.15	0.38	1.81	I=ECO50 DIE.UL 191	3	1 17/32
APS THLB 104		1/2	1 3/4		0.59	0.75	4.96	1.61	1.09	0.15	0.62	2.99			
APS THLB 105	300	1/2	1 3/4	WHITE	0.66	0.81	5.31	1.97	1.19	0.15	0.62	2.99	I=REC-5510	3	1 7/8
APS THLB 106	350 MCM	1/2	1 3/4	RED	0.70	0.87	5.39	1.97	1.28	0.17	0.62	2.99	I=REC-5510 DIE.UL 222	3	1 7/8
APS THLB 106A		3/8	1		0.70	0.87	4.21	1.97	1.28	0.17	0.38	1.81			
APS THLB 107	400	1/2	1 3/4	BLUE	0.76	0.95	5.47	1.97	1.39	0.18	0.62	2.99	I=REC-5510	3	1 7/8
APS THLB 108	500 MCM	1/2	1 3/4	BROWN	0.84	1.06	5.75	2.24	1.54	0.22	0.62	2.99	I=REC-5510 DIE.UL 270	3	2 5/32
APS THLB 108A		3/8	1		0.84	1.06	4.57	2.24	1.54	0.22	0.38	1.81			
APS THLB 109	600 MCM	1/2	1 3/4	GREEN	0.93	1.19	5.79	2.24	1.72	0.25	0.62	2.99	I=REC-5510 DIE.UL 302	3	2 5/32
APS THLB 109A		3/8	1		0.93	1.19	4.61	2.24	1.72	0.25	0.38	1.81			
APS THLB 110	750 MCM	1/2	1 3/4	BLACK	1.04	1.31	6.30	2.64	1.90	0.27	0.62	2.99	I=REC-5510 DIE.UL 333	3	2 17/32
APS THLB 110A		3/8	1		1.04	1.31	5.12	2.64	1.90	0.27	0.38	1.81			



Material: ETP Copper
Surface Finish: Tin Plated
Type: Copper Single Hole Terminal Heavy Duty
Applicable Standard: UL 486A-486B

Copper Single Hole Terminal Heavy Duty

APS Part no	CABLE AWG	STUD (E)	Dimension (in.)						TOOL&DIE REFER-ENCE	NO. OF CRIMPS	STRIP LENGTH
			d1	d3	J	a	c1+c2	b			
APS HD 301	# 8	1/4"	0.19	0.25	1.44	0.46	0.68	0.55	M=MH-14	2	25/64
APS HD 301A		10	0.19	0.25	1.44	0.46	0.68	0.55			
APS HD 302		5/16	0.19	0.25	1.44	0.46	0.68	0.55			
APS HD 303		3/8	0.19	0.25	1.61	0.57	0.79	0.55			
APS HD 304		1/2	0.19	0.25	1.89	0.65	0.98	0.55			
APS HD 305	# 6	1/4"	0.23	0.31	1.29	0.54	0.70	0.55	M=MH-14	1	25/64
APS HD 305A		10	0.23	0.31	1.29	0.54	0.70	0.55			
APS HD 306		5/16	0.23	0.31	1.29	0.59	0.70	0.55			
APS HD 307		3/8	0.23	0.31	1.29	0.65	0.70	0.55			
APS HD 308		1/2	0.23	0.31	1.68	0.65	0.81	0.55			
APS HD 309	# 4	1/4"	0.28	0.36	1.60	0.54	0.80	0.58	I=ECO50 DIE.UL904	1	15/32
APS HD 309A		10	0.28	0.36	1.60	0.54	0.80	0.58			
APS HD 310		5/16	0.28	0.36	1.60	0.54	0.80	0.58			
APS HD 311		3/8	0.28	0.36	1.60	0.57	0.80	0.58			

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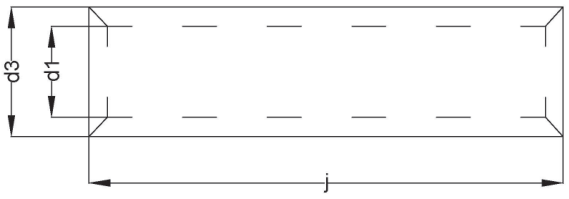
APS Part no	CABLE AWG	STUD (E)	Dimension (in.)						TOOL&DIE REFERENCE	NO. OF CRIMPS	STRIP LENGTH
			d1	d3	J	a	c1+c2	b			
APS HD 312		1/2	0.28	0.36	1.60	0.65	0.80	0.58			
APS HD 313	# 2	1/4"	0.33	0.42	1.79	0.65	0.77	0.69	I=ECO50 DIE.UL106	1	37/64
APS HD 314		5/16	0.33	0.42	1.79	0.65	0.77	0.69			
APS HD 315		3/8	0.33	0.42	1.79	0.65	0.77	0.69			
APS HD 316		1/2	0.33	0.42	1.79	0.65	0.77	0.69			
APS HD 317	# 1	1/4"	0.35	0.44	1.81	0.66	0.69	0.71	I=ECO50 DIE.UL111	1	5/8
APS HD 318		5/16	0.35	0.44	1.81	0.66	0.69	0.71			
APS HD 319		3/8	0.35	0.44	1.81	0.66	0.69	0.71			
APS HD 320		1/2	0.35	0.44	1.81	0.66	0.69	0.71			
APS HD 321	1/0 AWG	1/4"	0.40	0.50	1.95	0.73	0.84	0.76	I=ECO50 DIE.UL126	1	45/64
APS HD 322		5/16	0.40	0.50	1.95	0.73	0.84	0.76			
APS HD 323		3/8	0.40	0.50	1.95	0.73	0.84	0.76			
APS HD 324		1/2	0.40	0.50	1.95	0.73	0.84	0.76			
APS HD 325	2/0 AWG	1/4"	0.46	0.56	2.24	0.82	0.96	0.83	I=ECO50 DIE.UL142	1	47/64
APS HD 326		5/16	0.46	0.56	2.24	0.82	0.96	0.83			
APS HD 327		3/8	0.46	0.56	2.24	0.82	0.96	0.83			
APS HD 328		1/2	0.46	0.56	2.24	0.82	0.96	0.83			
APS HD 329	3/0 AWG	1/4"	0.51	0.61	2.32	0.90	0.99	0.84	I=ECO50 DIE.UL156	1	47/64
APS HD 330		1/2"	0.51	0.61	2.32	0.90	0.99	0.84			
APS HD 331	4/0 AWG	3/8"	0.59	0.69	2.61	1.04	1.12	0.91	I=ECO50 DIE.UL176	2	13/16
APS HD 332		1/2"	0.59	0.69	2.61	1.04	1.12	0.91			

UL LISTED COLOR CODED SPLICE CONNECTOR

E516136



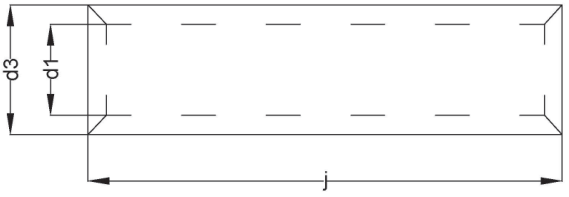
Material: ETP Copper
Surface Finish: Tin Plated
Type: Copper Butt Splice Short & Long
Applicable Standard: UL 486A-486B

APS Part no	Wire Range	Color Code	Dimension(in.)			TOOL RECOMMENDED DIE REFERENCE	No of Crimps	Strip Length
			d1	d3	J			
APS BC 111	# 8	RED	0.17	0.27	0.90	M=MH14	2	25/64
APS BC 112	# 6	BLUE	0.20	0.30	1.00	M=MH14	2	15/32
APS BC 113	# 4	GREY	0.25	0.34	1.00	M=MH14	2	15/32
APS BC 114	# 2	BROWN	0.31	0.42	1.25	I=ECO50 DIE.UL 107	3	37/64
APS BC 115	# 1	GREEN	0.36	0.47	1.80	I=ECO50 DIE.UL 119	3	13/16
APS BC 116	1/0 AWG	PINK	0.39	0.52	1.60	I=ECO50 DIE.UL 132	3	45/64
APS BC 117	2/0 AWG	BLACK	0.44	0.56	1.90	I=ECO50 DIE.UL 143	3	25/32
APS BC 118	3/0 AWG	ORANGE	0.49	0.62	1.75	I=ECO50 DIE.UL 158	3	25/32
APS BC 119	4/0 AWG	PURPLE	0.55	0.69	1.90	I=ECO50 DIE.UL 175	3	57/64
APS BC 120	250 MCM	YELLOW	0.59	0.75	2.00	I=ECO50 DIE.UL 191	3	15/16
APS BC 121	300 MCM	WHITE	0.66	0.81	2.10	I=ECO50 DIE.UL 207	3	31/32
APS BC 122	350 MCM	RED	0.70	0.87	2.10	I=ECO50 DIE.UL 222	3	31/32
APS BC 123	400 MCM	BLUE	0.76	0.95	2.30	I=ECO50 DIE.UL 241	3	1 1/16
APS BC 124	500 MCM	BROWN	0.83	1.06	2.50	I=ECO50 DIE.UL 270	4	1 11/64
APS BC 125	600 MCM	GREEN	0.93	1.19	2.50	I=ECO50 DIE.UL 302	4	1 11/64
APS BC 126	750 MCM	BLACK	1.03	1.31	3.20	I=ECO50 DIE.UL 333	4	1 9/16
APS BC 127	# 8	RED	0.17	0.27	1.75	M=MH14	2	25/32
APS BC 128	# 6	BLUE	0.20	0.30	1.75	M=MH14	2	25/32
APS BC 129	# 4	GREY	0.25	0.34	1.75	M=MH14	2	25/32
APS BC 130	# 2	BROWN	0.31	0.42	1.90	I=ECO50 DIE.UL 107	3	55/64
APS BC 131	# 1	GREEN	0.36	0.47	2.20	I=ECO50 DIE.UL 119	3	1 1/64
APS BC 132	1/0 AWG	PINK	0.39	0.52	2.20	I=ECO50 DIE.UL 132	3	1 1/64
APS BC 133	2/0 AWG	BLACK	0.44	0.69	2.25	I=ECO50 DIE.UL 143	3	1 3/32
APS BC 134	3/0 AWG	ORANGE	0.49	0.62	2.25	I=ECO50 DIE.UL 158	3	1 3/32
APS BC 135	4/0 AWG	PURPLE	0.55	0.69	2.75	I=ECO50 DIE.UL 175	3	1 19/64
APS BC 136	250 MCM	YELLOW	0.59	0.75	3.25	I=ECO50 DIE.UL 191	3	1 9/16
APS BC 137	300 MCM	WHITE	0.66	0.81	3.50	I=ECO50 DIE.UL 207	3	1 11/16
APS BC 138	350 MCM	RED	0.70	0.87	3.75	I=ECO50 DIE.UL 222	3	1 51/64
APS BC 139	400 MCM	BLUE	0.76	0.95	3.75	I=ECO50 DIE.UL 241	3	1 51/64
APS BC 140	500 MCM	BROWN	0.83	1.06	4.25	I=ECO50 DIE.UL 270	4	2 1/62
APS BC 141	600 MCM	GREEN	0.93	1.19	4.50	I=ECO50 DIE.UL 302	4	2 5/32
APS BC 142	750 MCM	BLACK	1.03	1.31	4.75	I=ECO50 DIE.UL 333	4	2 7/32

Cable Connector

UL LISTED COLOR CODED BUTT SPLICE CONNECTOR

E516136

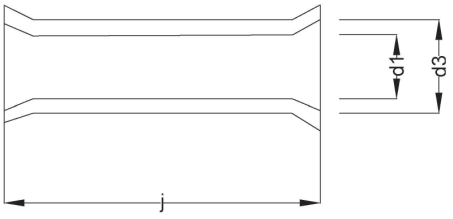


Material: ETP Copper
Surface Finish: Tin Plated
Type: Copper Butt Splice Connector
Applicable Standard: UL 486A-486B

APS Part no	CABLE SIZE	Dimension (in.)			TOOL RECOMMENDED DIE REFERENCE	NO. OF CRIMPS	STRIP LENGTH
		A	C	J			
APS BC 900	# 8	0.19	0.28	1.18	M=MH14	3	1/2
APS BC 910	# 6	0.21	0.34	1.38	M=MH14	3	37/64
APS BC 920	# 4	0.27	0.39	1.57	I=ECO50 DIE.	4	45/64
APS BC 940	1	0.39	0.55	1.97	I=ECO50 DIE.	4	15/16
APS BC 950	1/0	0.45	0.61	1.97	I=ECO50 DIE.	4	15/16
APS BC 960	2/0	0.47	0.65	2.17	I=ECO50 DIE.	4	1 1/64
APS BC 970	3/0	0.53	0.71	2.36	I=ECO50 DIE.	4	1 3/32
APS BC 980	4/0	0.59	0.77	2.56	I=ECO50 DIE.	4	1 1/4

Cable Connector

UL LISTED COLOR CODED FLARED CONNECTOR

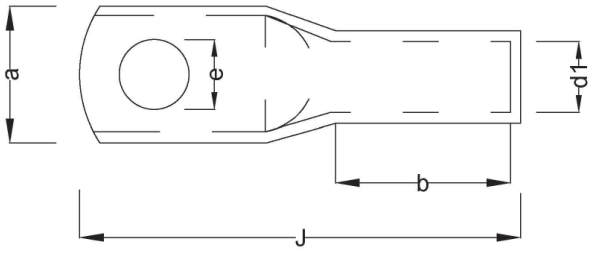


Material: ETP Copper
Surface Finish: Tin Plated
Type: Copper In Line Connector - Flared Mouth
Applicable Standard: UL 486A-486B

APS Part no	Wire Range	Dimension (in.)			TOOL RECOMMENDED DIE REFERENCE	No of Crimps	Strip Length
		d1	d3	J			
APS FC 333	# 8	0.19	0.25	1.10	M=MH14	4	15/32
APS FC 334	# 6	0.22	0.31	1.15	M=MH14	4	35/64
APS FC 335	# 3	0.28	0.36	1.22	M=MH14	4	35/64
APS FC 336	# 2	0.33	0.42	1.34	IZ=ECO50 DIE.	2	5/8
APS FC 337	# 1	0.35	0.44	1.34	IZ=ECO50 DIE.	2	5/8
APS FC 338	1/0 AWG	0.40	0.50	1.56	IZ=ECO50 DIE.	2	45/64
APS FC 339	2/0 AWG	0.42	0.56	1.81	IZ=ECO50 DIE.	2	25/32
APS FC 340	3/0 AWG	0.51	0.62	1.90	IZ=ECO50 DIE.	2	55/64
APS FC 341	4/0 AWG	0.59	0.69	2.46	IZ=ECO50 DIE.	2	1 1/64

UL LISTED COPPER SINGLE HOLE LONG BARREL WITH INSPECTION HOLE

E516136



Material: ETP Copper
Surface Finish : Tin Plated
Type : Copper Single Hole Long Barrel With Inspection Hole
Applicable Standard: UL 486A-486B

APS Part no	Cable	Dimension (mm)						TOOL RECOMMENDED DIE REFERENCE	NO. OF CRIMPS	STRIP
		e	b	a	d1	d3	J			
APS HD 1.5-5 LB	# 16	M 5	7	8	1.8	3.7	18	M=MH14	1	5MM
APS HD 1.5-6 LB		M 6	7	9.5	1.8	3.7	20			
APS HD 2.5-4 LB	# 14	M 4	7	8.5	2.4	4	18	M=MH14	1	5MM
APS HD 2.5-5 LB		M 5	7	9	1.8	3.7	20			
APS HD 2.5-6 LB		M 6	7	9.5	1.8	3.7	20			
APS HD 2.5-8 LB		M 8	7	12	2.4	4	24			
APS HD 4-5 LB	# 8	M 5	9	9.5	3.1	4.8	22	M=MH14	1	8MM
APS HD 4-6 LB		M 6	9	9.5	3.1	4.8	22			
APS HD 4-8 LB		M 8	9	12	3.1	4.8	26			
APS HD 6-5 LB	# 6	M 5	9	9.5	3.8	5.5	23	M=MH14	1	8MM
APS HD 6-6 LB		M 6	9	11	3.8	5.5	27			
APS HD 6-8 LB		M 8	9	12	3.8	5.5	27			
APS HD 6-10 LB		M 10	9	15	3.8	5.5	32			
APS HD 10-5 LB	# 6	M 5	10	11	4.7	7.1	27	M=MH14	1	9MM
APS HD 10-6 LB		M 6	10	11	4.7	7.1	27			
APS HD 10-8 LB		M 8	10	13.5	4.7	7.1	29			
APS HD 10-10 LB		M 10	10	15	4.7	7.1	32			
APS HD 10-12 LB		M 12	10	17	4.7	7.1	37			
APS HD 16-6 LB	# 4	M 6	19	11	5.5	7.9	37	M=MH14	2	17MM
APS HD 16-8 LB		M 8	19	13.5	5.5	7.9	39			
APS HD 16-10 LB		M 10	19	15	5.5	7.9	41			
APS HD 16-12 LB		M 12	19	17	5.5	7.9	46			
APS HD 25-6 LB	# 3	M 6	21	13.5	7.1	9.5	41	I=ECO50 DIE. UL095	1	19MM
APS HD 25-8 LB		M 8	21	13.5	7.1	9.5	41			
APS HD 25-10 LB		M 10	21	15.5	7.1	9.5	44			
APS HD 25-12 LB		M 12	21	17	7.1	9.5	48			

UL LISTED COPPER SINGLE HOLE LONG BARREL WITH INSPECTION HOLE

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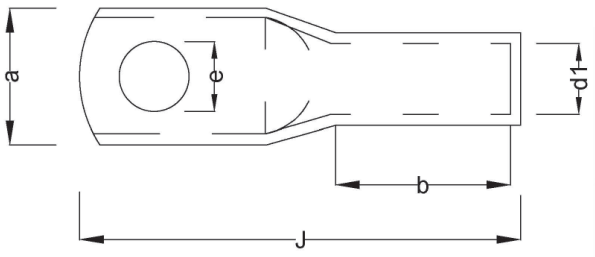
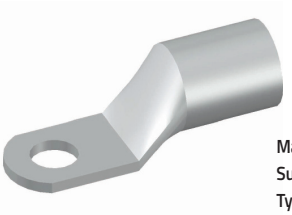
APS HD 35-6 LB	# 2	M 6	21	15.5	8.2	11.2	44	I=ECO50 DIE. UL112	1	19MM
APS HD 35-8 LB		M 8	21	15.5	8.2	11.2	44			
APS HD 35-10 LB		M 10	21	16	8.2	11.2	46			
APS HD 35-12 LB		M 12	21	17	8.2	11.2	50			
APS HD 50-6 LB	# 2	M 6	22	18	9.5	12.8	48	I=ECO50 DIE. UL128	1	20MM
APS HD 50-8 LB		M 8	22	18	9.5	12.8	48			
APS HD 50-10 LB		M 10	22	18	9.5	12.8	48			
APS HD 50-12 LB		M 12	22	19	9.5	12.8	52			
APS HD 70-6 LB	2/0 AWG	M 6	24	21	11.2	14.7	54	I=ECO50 DIE. UL147	1	22MM
APS HD 70-8 LB		M 8	24	21	11.2	14.7	54			
APS HD 70-10 LB		M 10	24	21	11.2	14.7	54			
APS HD 70-12 LB		M 12	24	21	11.2	14.7	54			
APS HD 70-16 LB		M 16	24	27	11.2	14.7	64			
APS HD 95-6 LB	3/0 AWG	M 6	27	25	13.4	17.4	60	I=ECO50 DIE. UL174	1	25MM
APS HD 95-8 LB		M 8	27	25	13.4	17.4	60			
APS HD 95-10 LB		M 10	27	25	13.4	17.4	60			
APS HD 95-12 LB		M 12	27	25	13.4	17.4	60			
APS HD 95-16 LB		M 16	27	27	13.4	17.4	64			
APS HD 120-6 LB	250MCM	M 6	30	29	15.6	20.6	64	I=ECO50 DIE. UL206	1	28MM
APS HD 120-8 LB		M 8	30	29	15.6	20.6	64			
APS HD 120-10 LB		M 10	30	29	15.6	20.6	64			
APS HD 120-12 LB		M 12	30	29	15.6	20.6	64			
APS HD 120-16 LB		M 16	30	29	15.6	20.6	68			
APS HD 120-20 LB		M 20	30	32	15.6	20.6	81	I=REC-5510 DIE.	2	28MM
APS HD 150-10 LB	350MCM	M 10	30	32	16.7	22.5	71	I=REC-5510 DIE. UL242	2	28MM
APS HD 150-12 LB		M 12	30	32	16.7	22.5	80			
APS HD 150-16 LB		M 16	30	32	16.7	22.5	80			
APS HD 150-20 LB		M 20	30	32	16.7	22.5	80			
APS HD 185-10 LB	400MCM	M 10	32	35	18.4	24.2	74	I=REC-5510 DIE. UL282	3	30MM
APS HD 185-12 LB		M 12	32	35	18.4	24.2	83			
APS HD 185-16 LB		M 16	32	35	18.4	24.2	83			
APS HD 185-20 LB		M 20	32	38	18.4	24.2	84			
APS HD 240 LB	600MCM	BLK	38	40	21.2	28.2	92	I=REC-5510 DIE. UL313	3	36MM
APS HD 240-12 LB		M 12	38	40	21.2	28.2	92			
APS HD 300 LB	750MCM	BLK	42	45	23.5	31.3	101	C=CRIMP-FT-1000-H348	3	40MM
APS HD 300-12 LB		M 12	42	45	23.5	31.3	101			
APS HD 400 LB		BLK	44	50	26.8	34.8	114			

COPPER SINGLE HOLE LONG BARREL W/O INSPECTION HOLE

E516136





Material: ETP Copper
Surface Finish : Tin Plated
Type : Copper Single Hole Long Barrel W/O Inspection Hole
Applicable Standard: UL 486A-486B

APS Part no	CABLE SIZE	Dimension(mm)						TOOL RECOM-MENDED	NUM-BER OF CRIMPS	STRIP LENGTH
		e	b	a	d1	d3	J			
APS DN6-5	# 8	M 5	10	9	3.8	5.5	30.5	M=MH14	1	8 MM
APS DN6-6		M 6	10	9.5	3.8	5.5	31.5			
APS DN6-8		M 8	10	12	3.8	5.5	34			
APS DN10-5	# 6	M 5	10	9	4.5	6	34	M=MH14	1	8 MM
APS DN10-6		M 6	10	9.5	4.5	6	34.5			
APS DN10-8		M 8	10	12	4.5	6	37			
APS DN16-6	# 6	M 6	20	12	5.5	8.5	43.5	M=MH14	1	18 MM
APS DN16-8		M 8	20	12	5.5	8.5	46			
APS DN16-10		M 10	20	15	5.5	8.5	48			
APS DN16-12		M 12	20	17	5.5	8.5	49			
APS DN25-6	# 4	M 6	20	14	7	10	45.5	I=ECO50 DIE.UL100	1	18 MM
APS DN25-8		M 8	20	14	7	10	48			
APS DN25-10		M 10	20	16	7	10	50			
APS DN25-12		M 12	20	17	7	10	51			
APS DN35-6	# 2	M 6	20	17	8.2	12.5	49.5	I=ECO50 DIE.UL125	1	18 MM
APS DN35-8		M 8	20	17	8.2	12.5	52			
APS DN35-10		M 10	20	17	8.2	12.5	54			
APS DN35-12		M 12	20	18	8.2	12.5	55			
APS DN35-14		M 14	20	21	8.2	12.5	56.5			
APS DN50-8	# 1	M 8	28	20	10	14.5	62	I=ECO50 DIE.UL145	2	26 MM
APS DN50-10		M 10	28	20	10	14.5	64			
APS DN50-12		M 12	28	20	10	14.5	65			
APS DN50-14		M 14	28	20	10	14.5	66.5			
APS DN50-16		M 16	28	25	10	14.5	68			

COPPER SINGLE HOLE LONG BARREL W/O INSPECTION HOLE

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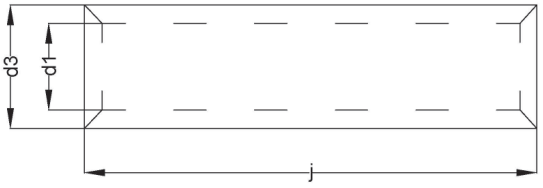
APS DN70-8	2/0 AWG	M 8	28	24	11.5	16.5	65	I=ECO50 DIE.UL165	2	26 MM
APS DN70-10		M 10	28	24	11.5	16.5	67			
APS DN70-12		M 12	28	24	11.5	16.5	68			
APS DN70-14		M 14	28	24	11.5	16.5	69.5			
APS DN70-16		M 16	28	27	11.5	16.5	71			
APS DN95-8	3/0 AWG	M 8	35	27	13.5	19	77	I=ECO50 DIE.UL190	2	33 MM
APS DN95-10		M 10	35	27	13.5	19	77			
APS DN95-12		M 12	35	27	13.5	19	78			
APS DN95-14		M 14	35	27	13.5	19	79.5			
APS DN95-16		M 16	35	27	13.5	19	81			
APS DN120-10	250 MCM	M 10	35	30.5	15.5	21	85	I=ECO50 DIE.UL210	2	33 MM
APS DN120-12		M 12	35	30	15.5	21	86			
APS DN120-14		M 14	35	30	15.5	21	88			
APS DN120-16		M 16	35	30	15.5	21	89			
APS DN120-20		M 20	35	30	15.5	21	91			
APS DN150-10	300 MCM	M 10	35	34	17	23.5	93	I=REC-5510 DIE.UL235	2	33 MM
APS DN150-12		M 12	35	3.004	17	23.5	94			
APS DN150-14		M 14	35	34	17	23.5	97			
APS DN150-16		M 16	35	34	17	23.5	97			
APS DN150-20		M 20	35	34	17	23.5	99			
APS DN185-10	400 MCM	M 10	40	37	19	25.5	97	I=REC-5510 DIE.UL255	2	38 MM
APS DN185-12		M 12	40	37	19	25.5	98			
APS DN185-14		M 14	40	37	19	25.5	101			
APS DN185-16		M 16	40	37	19	25.5	101			
APS DN185-20		M 20	40	37	19	25.5	103			
APS DN240-12	500 MCM	M 12	40	42	21.5	29	108	I=REC-5510 DIE.UL290	2	38 MM
APS DN240-14		M 14	40	42	21.5	29	111			
APS DN240-16		M 16	40	42	21.5	29	111			
APS DN240-20		M 20	40	42	21.5	29	113			
APS DN300-14	600 MCM	M 14	50	46.5	24.5	32	119	I=REC-5510 DIE.UL320	2	48 MM
APS DN300-16		M 16	50	46.5	24.5	32	119			
APS DN300-20		M 20	50	46.5	24.5	32	122			
APS DN400-14	750 MCM	M 14	70	54	27.5	38.5	140	C=CRIMP-FT-1000 DIE H385	3	68 MM
APS DN400-16		M 16	70	54	27.5	38.5	140			
APS DN400-20		M 20	70	54	27.5	38.5	140			

UL LISTED COPPER INLINE HEAVY DUTY CONNECTOR

E516136

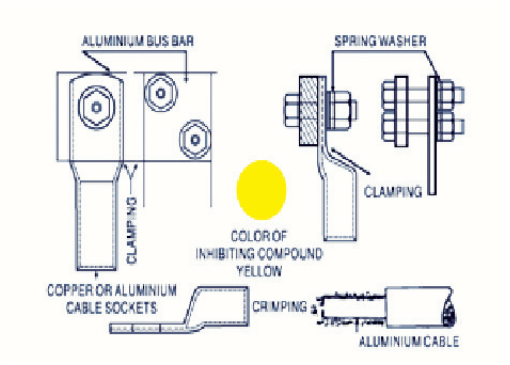


Material: ETP Copper
Surface Finish : Tin Plated
Type : Copper Inline Heavy Duty Connector
Applicable Standard: UL 486A-486B

Aps Part No	Cable Size	Dimension(Mm)			Tool Recommended Die Reference	No. Of Crimps	Strip Length
		D1	D3	J			
APS F1.5-S	# 16	1.80	3.70	22.00	M=MH14	4	8 MM
APS F2.5-S	# 14	2.40	4.00	22.00	M=MH14	4	8 MM
APS F4-S	# 12	3.10	4.80	22.00	M=MH14	4	8 MM
APS F6-S	# 10	3.80	5.50	22.00	M=MH14	4	8 MM
APS F10-S	# 6	4.70	7.10	22.00	M=MH14	4	8 MM
APS F16-S	# 6	4.70	7.10	50.00	M=MH14	4	20 MM
APS F16-L	# 6	5.50	7.90	44.00	M=MH14	4	18 MM
APS F25-L	# 4	7.00	10.00	50.00	I=ECO50 DIE.UL100	4	20 MM
APS F25-S	# 4	7.10	9.50	48.00	I=ECO50 DIE.UL950	4	18 MM
APS F35-L	# 2	8.20	12.50	50.00	I=ECO50 DIE.UL125	4	20 MM
APS F35-S	# 2	8.20	11.20	48.00	I=ECO50 DIE.UL112	4	18 MM
APS F50-L	1/0 AWG	10.00	14.50	56.00	I=ECO50 DIE.UL145	4	22 MM
APS F50-S	1/0 AWG	9.50	12.80	48.00	I=ECO50 DIE.UL128	4	18 MM
APS F70-L	2/0 AWG	11.50	16.50	56.00	I=ECO50 DIE.UL165	4	22 MM
APS F70-S	2/0 AWG	11.20	14.70	52.00	I=ECO50 DIE.UL147	4	20 MM
APS F95-L	3/0 AWG	13.50	19.00	70.00	I=ECO50 DIE.UL190	4	30 MM
APS F95-S	3/0 AWG	13.40	17.40	54.00	I=ECO50 DIE.UL174	4	22 MM
APS F120-L	4/0 AWG	15.50	21.00	70.00	I=REC-5510 DIE.UL210	4	30 MM
APS F120-S	4/0 AWG	15.60	20.60	66.00	I=REC-5510 DIE.UL206	4	28 MM
APS F150-L	300 MCM	17.00	23.50	80.00	I=REC-5510 DIE.UL235	4	35 MM
APS F150-S	300 MCM	16.70	22.50	66.00	I=REC-5510 DIE.UL225	4	28 MM
APS F185-L	350 MCM	19.00	25.50	85.00	I=REC-5510 DIE.UL255	4	37 MM
APS F185-S	350 MCM	18.40	24.20	66.00	I=REC-5510 DIE.UL242	4	28 MM
APS F240-L	500 MCM	21.50	29.00	91.00	I=REC-5510 DIE.UL290	4	42 MM
APS F240-S	500 MCM	21.20	28.20	90.00	I=REC-5510 DIE.UL282	4	42 MM
APS F300-L	600 MCM	24.50	32.00	100.00	I=REC-5510 DIE.UL320	4	45 MM
APS F300-S	600 MCM	23.50	31.30	91.00	I=REC-5510 DIE.UL313	4	42 MM
APS F400-L	750 MCM	27.50	38.50	150.00	C=CRIMP-FT-	4	70 MM
APS F400-S	750 MCM	26.80	34.80	91.00	C=CRIMP-FT-	4	42 MM

APS - CIC01

1. APS Corrosion Inhabiting Compound is recommneded for crimping connections. It is recommended to use where the conditions are highly saline or chemical or salt laden environment and where veru rare cleaning and regular inspection is not performed. The compound is a mixture of Lithium based Grease in Grey color with abrasive particles and suspended Zinc particles, which help in best jointing because of metal flows under pressure the abrasive particles cause small area of cold welding The compound mixture contains the composition as per below :
   - Lithium based Grease 85%
   - Zinc Chromate 5%
   - Titanium Oxide 10%



Demonstration of using the compound in the lugs during termination

Such an inhibitor must:

a) Not affect electrical properties of the compression joint.

b) Be non-corrosive to Aluminium, copper, steel, tin, zinc and combinations of these metals

c) Not deteriorate on exposure to atmosphere at conductor operating temperatures

d) Have good sealing properties against moisture & contaminating substances in the atmosphere.

e) Have a high temperature drop point. This Corrosion Inhibiting Compound made as per IS/International Standards

f) Have a good sealing properties against moisture and contaminating substances in the atmosphere

The corrosion inhabiting compound is recommended for use over the prepared end of the conductor and inside the lugs/inline ferrule.

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