

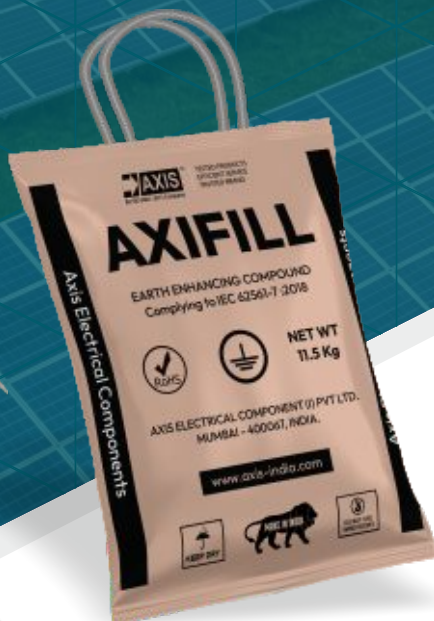
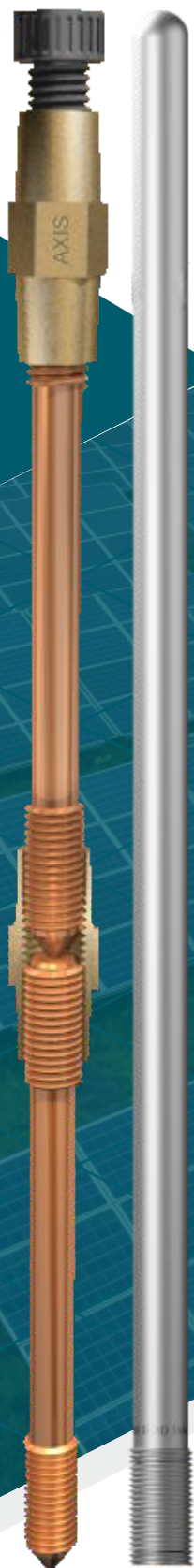


TESTED PRODUCTS
EFFICIENT SERVICE
TRUSTED BRAND

Solar Protection

360° Protection
for your
Solar Projects

Internationally Certified Products





Company Profile

Leading Manufacturer & Exporter

Axis is the leading Indian Manufacturer & Exporter of a wide range of Electrical Components used in Electrical Installations and in the Equipment Building industry. Our main customer base consist of Distributors/Wholesalers of Electrical Products, Electrical Contractors & Installers, Equipment Manufacturers, Maintenance Companies and Government Authorities.

Exports to more than 80 Countries Worldwide

Over the years, Axis has supplied high quality and tested products to thousands of customers in over 80 countries. As a result, the Axis brand has become synonymous with Quality.

International Certifications

Axis invests heavily in continuous improvements in its products and manufacturing processes. This allows Axis to always be ahead of the curve through certifications and approvals from around the world. Products manufactured by Axis follow widely accepted international such as BS, DIN, UL, NFC, AS/NZ & Indian Standard (IS). CRISIL India, an S&P subsidiary, rated Axis as having the highest performance capabilities and strong financial strength.

Constant Improvement

Axis's dual focus on foreseeing customer requirements and looking at the future of the industry, translates to a continuous desire to evolve and upgrade our product offerings.

Quality Management

Our goal is to provide each customer with products, systems and services that meet the highest standards of quality. To assure quality management, Axis has achieved an ISO 9001 Certification.

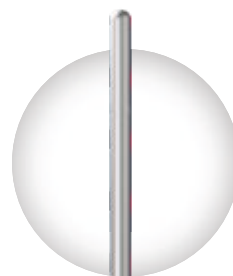
LIGHTNING PROTECTION SYSTEM

AIR TERMINATION

Aluminium Air Rod Round Headed - Threaded
 Aluminium Air Rod with Round Tip - Crimped Type
 Copper Bonded Round Pointed Air Rod
 Multiple Points
 Air Termination with Mast
 Air Terminal Base - Self Supporting
 Air Terminal Base - Plastic
 Angle Air Terminal

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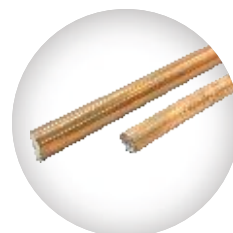


CONDUCTORS

Aluminium Round Conductors
 Copper Clad Steel Round Conductors
 Round Stranded / Solid Conductor

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CONDUCTOR HOLDERS

Round Conductor Holders (Plastic)
 Round Conductor Holders (Steel)
 Flat Conductor Holders

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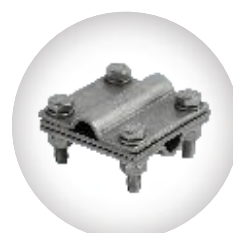


CONNECTORS

Parallel Connectors
 Universal Round Conductor Connector
 Cross Connector
 Test Link (Round to Flat)
 Test Link (Flat to Flat)

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EARLY STEAMER EMISSION (ESE)

Digital Counter
 ESE

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SURGE PROTECTION DEVICE

Surge Protection Device (SPD) For ACDB
 Surge Protection Device (SPD) For DCDB

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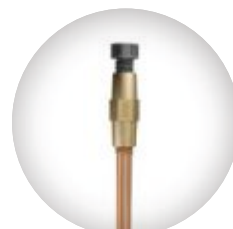


EARTHING MATERIALS

Earth Rods
 Earth Rods Clamps
 Axifll Earth Enhancing Compound
 Concrete Earth Pit
 Earth Bars - Galvanised

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CABLE LUGS & CONNECTORS

Compression Cable Lugs - Copper
 Compression Cable Lugs - Aluminium
 Compression Cable Lugs - Bimetallic ADTL2 Series
 Compression Cable Lugs - Bimetallic ADTL3 Type

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CABLE GLAND

Double Compression Weatherproof Cable Gland

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GLAND ACCESSORIES

PVC Shroud
 LSF Shroud
 Gland Kit

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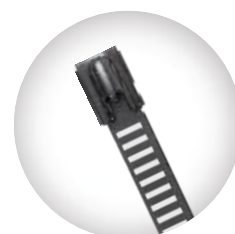
CABLE TIES

CABLE TIES & MARKERS

Cable Ties
 Stainless Steel Cable Ties - Releasable
 Stainless Steel Cable Ties - Roller Ball
 Stainless Steel Cable Ties - Ladder Type
 Stainless Steel Cable Ties - Markers
 Stainless Steel Cable Ties - I.D Tags
 Stainless Steel Cable Ties - Carrier
 U-Bolt Set

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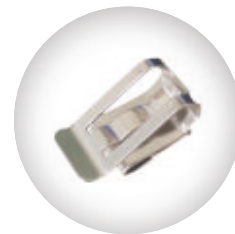


WIRE MANAGEMENT SOLUTIONS

Solar Cable Clips

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CONNECTORS

PV Connector
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TOOLS & ACCESSORIES

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PRESENCE

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AXIS ELECTRICAL COMPONENTS (INDIA) PVT. LTD.

Your Trusted Partner for Protecting your Solar Projects.

Axis Electrical Components is a leading manufacturer and exporter of high-quality electrical products, proudly certified to ISO 9001:2015 standards. With over 30 years of expertise, we deliver reliable, tested solutions to more than 100 countries worldwide. Our products support the growing solar energy sector by ensuring safe, efficient, and long-lasting electrical connections.

How can Axis Electricals help your Solar Project?

1. Lightning Protection Systems

Protect your solar installations from the damaging effects of lightning strikes with our advanced systems, designed to safeguard both structures and equipment. Global and national standards, including IS/IEC 62305 and NFPA 780 in the US, emphasize the need for integrated solutions combining earthing, lightning protection, and surge protection.

At Axis, we focus on delivering the highest level of protection across India. With over 30 years of experience and expertise, our engineers design dependable and long-lasting lightning protection tailored to your solar projects. Our customized products and services ensure optimal performance and protection, helping you secure your investment in solar energy.

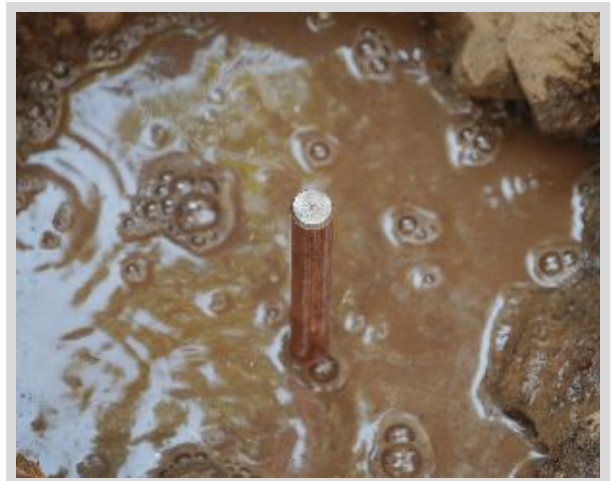


2. Earthing Materials

An earthing system plays a crucial role in ensuring safety for both personnel and equipment in solar energy networks. During lightning strikes, it directs high potential lightning safely into the earth, preventing damage and maintaining the correct operation of solar equipment and devices. It also dissipates fault currents into the ground, protecting your solar infrastructure from downtime.

Axis offers a wide range of high-quality earthing products tailored to meet the specific needs of solar projects. Our products are designed to safeguard your installations against electric shocks and ensure long-term performance. With a commitment to quality, all our earthing materials are manufactured and tested to meet globally recognized standards, including IS 3043, IEEE 80, UL 467, BS 7430, IEC 62561-2 & 7, and IS IEC 62305.

Axis ensures your solar systems remain safe, reliable, and compliant with the highest safety standards.



3. Cable Lugs & Connectors

Axis Power Lugs and Connectors provide reliable, high-performance solutions tailored to the needs of solar projects. Our terminals are designed for quick assembly and dependable performance, ensuring seamless connections in your solar energy systems. Constructed with high-quality materials, including electrolytic copper and aluminum for high conductivity, and tin-plated for superior corrosion resistance, our lugs offer durability and efficiency in demanding solar environments.

With a wide range of cable sizes, from 0.5 sq.mm to 1200 sq.mm, Axis Power Lugs enable rapid and secure termination of heavy-gauge power cables to bus bars, relays, batteries, solar inverters, grounding devices, and more. This ensures increased efficiency, enhanced safety, and cost savings for your solar installations. Designed, manufactured, and tested to comply with international standards like BS, DIN, UL, and IEC, Axis Power Lugs and Connectors deliver dependable performance to support your solar energy projects with confidence



4. Cable Glands

Axis Industrial Cable Glands deliver reliable, high-performance solutions tailored for solar energy projects. Designed for fast assembly and dependable performance, these glands are constructed from high-quality copper alloy for strength and nickel-plated to ensure excellent corrosion resistance, even in demanding solar environments.

With a wide range of sizes, including metric threads from M16 to M100 and inch threads from 1/2" to 3", Axis Cable Glands offer versatile and rapid installation methods. They are ideal for securely passing power cables to panels and components in solar installations, ensuring enhanced safety, increased efficiency, and reduced costs.

Tested and manufactured to comply with international standards such as IEC 62444 and BS 6121, Axis Cable Glands provide the strength and reliability your solar projects need for long-lasting performance.



Axis Electrical Components is committed to powering the future of solar energy with products that deliver safety, performance, and peace of mind. Explore our comprehensive range to find solutions tailored to your needs.

Air Termination

Aluminium Air Rod Round Headed - Threaded

These Rods are made up of high conductivity EC Grade Aluminum.

Rod Length mm	Rod Dia. mm	Material	Code
300	14	Aluminium	ATP0316P
600	14		ATP0616P
1000	14		ATP1016P
2000	14		ATP2016P
500	16		ATP0518P
1000	16		ATP1018P
1500	16		ATP1518P
2000	16		ATP2018P
2500	16		ATP2518P

Aluminium Air Rod With Round Tip - Crimped Type

Rod Length mm	Rod Dia. mm	Material	Code
1000+2000	10+16	Aluminium	ATP301810
1000+1000+1500	10+16+22		ATP352410
1000+1000+2000	10+16+22		ATP402410



Air Termination

Copper Bonded Round Pointed Air Rod

Material : Mild Steel

Finish : Electrolytic Copper Bonded (250 Microns)

Rod Length mm	Rod Dia. mm	Thread Dia. Inch	Code
300	10	3/8"	CBRP1003
500	10	3/8"	CBRP1005
1000	10	3/8"	CBRP1010
1200	10	3/8"	CBRP1012
1500	10	3/8"	CBRP1015
300	12.5	9/16"	CBRP1403
500	12.5	9/16"	CBRP1405
1000	12.5	9/16"	CBRP1410
1200	12.5	9/16"	CBRP1414
1500	12.5	9/16"	CBRP1415
300	14.2	5/8"	CBRP1603
500	14.2	5/8"	CBRP1605
1000	14.2	5/8"	CBRP1610
1200	14.2	5/8"	CBRP1612
1500	14.2	5/8"	CBRP1615

Note: Other Sizes Available On Request



Multiple Points

Multiple Points & Taper Spikes are made from Electrolytic Copper Bonded Steel

Note: Fixing pinch rod are available.

Higher length Air Terminals are available on request.



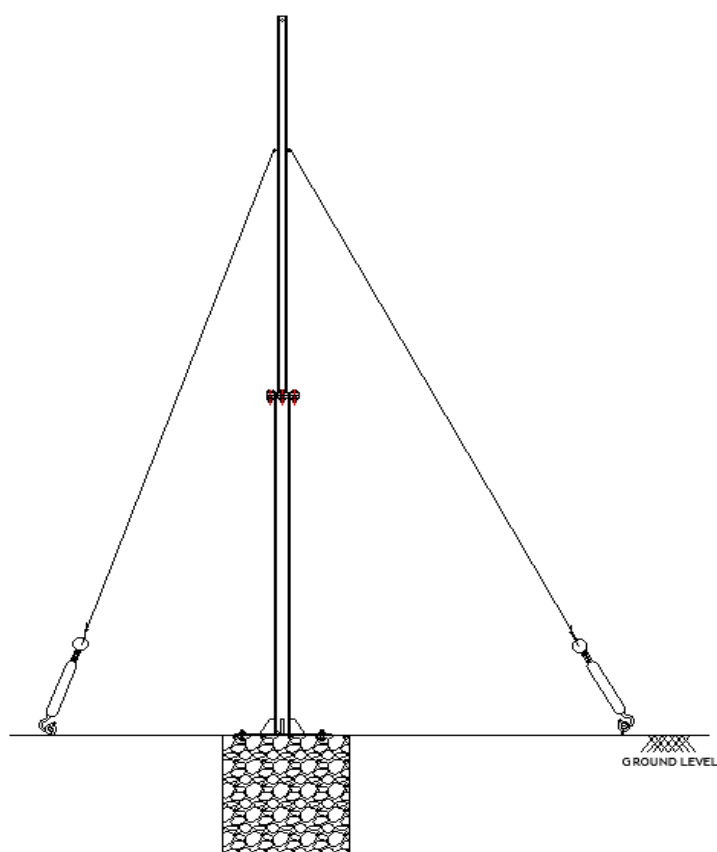
Type - B

Air Termination

Air Termination with Mast

Sr. No.	L1	L2	Total Length of Mast	Code
1	1000	1000	2000mm (2 MTRS)	AEL91384
2	1500	1000	2500mm (2.5 MTRS)	AEL91568
3	1500	1500	3000mm (3 MTRS)	AEL91422
4	2000	2000	4000mm (4 MTRS)	AEL91453
5	2500	2500	5000mm (5 MTRS)	AEL91142V1
6	3000	3000	6000mm (6 MTRS)	AEL91574

Note: GI Guy Wire Set is applicable from 2 meter



Air Termination

Air Terminal Base - Self Supporting

Suitable for fixing and holding Air Rods on to flat roofs

Material : SS-304
Finish : Natural & Clean



Rod Diameter mm	Code
10 - 16 mm	AEL91163

Suitable for holding air rod on taper roof

Material : SS-304
Finish : Natural & Clean



Rod Diameter mm	Code
10 - 16 mm	AEL91177

Air Terminal Base - Plastic

Suitable for fixing and holding Air Rods on to flat roofs with insulation

Material : Engineering Thermoplastic
Finish : Natural & Clean



Rod Diameter mm	Code
16 mm	AEL91385

Angle Air Terminal

Item No.	Item Description
AEL91466	ALUMINIUM FRANKLIN ROD DIA 10MM



Conductors

Aluminium Round Conductors

Used as an external down conductor for lightning protection systems

Material : Aluminium

Conductor Dia	Code
8 mm Solid	BARH08
10 mm Solid	BARH10



Copper Clad Steel Round Conductors

Used as a down conductor with reinforcements for lightning protection systems and Earth terminations

Material : Steel

Fasteners : Copper Plating

Conductor Dia	Copper Coating	Code
8 mm Solid	100 microns	CCSR5020
8 mm Solid	250 microns	CCSR5040
10 mm Solid	100 microns	CCSR7020
10 mm Solid	250 microns	CCSR7040



Conductors

Round Stranded / Solid Conductor

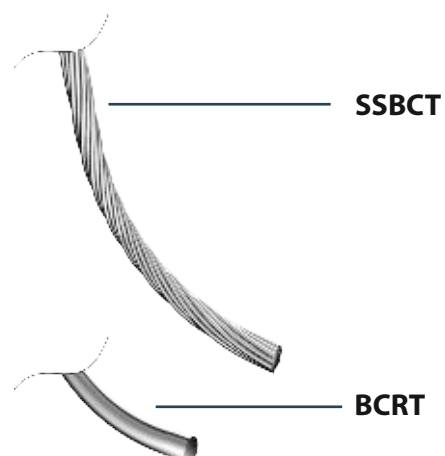
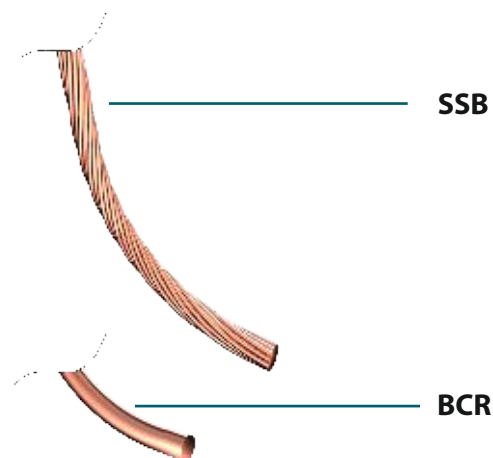
Copper / Tinned Copper Stranded and Solid Copper / Solid Tinned Copper conductors are made from Soft Drawn EC grade Copper.

Conductor Size mm ²	Code	
	Bare Stranded Conductor	Tinned Stranded Conductor
6	SSB0006	SSBCT0006
10	SSB0010	SSBCT0010
16	SSB0016	SSBCT0016
25	SSB0025	SSBCT0025
35	SSB0035	SSBCT0035
50	SSB0050	SSBCT0050
70	SSB0070	SSBCT0070
95	SSB0095	SSBCT0095

Note: Other Sizes Available

Pvc Covered Circular Conductor Also

Solid Circular Dia 'd' mm	Code	
	Bare Solid Circular Conductor	Tinned Solid Circular Conductor
8	BCR08	BCRT08



Conductor Holders

Round Conductor Holders (Plastic)

Insulated options to snap and hold round conductors on terrace, parapet and side walls either by screwing, or gluing with different mounting options

Conductor dia	Separation	Material	Code
8-10mm	20 mm	Thermoplastic	AEL90696M
8-10mm	70 mm	Lightweight polymer	AEL90822

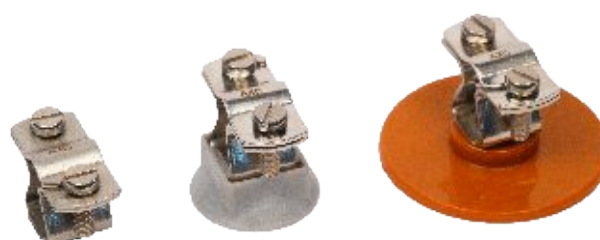


Round Conductor Holders (Steel)

Metallic options to hold round conductors on terrace, parapet and side walls either by screwing, or gluing with different mounting options

Material : SS-304
Finish : Natural & Clean

Conductor size	Mounting Arrangement	Code
8-10 mm	Screwing	DCSR0810
8-10 mm	Screwing with Base	DCSR0810SB
8-10 mm	Gluing	DCSR0810GB



Flat Conductor Holders

Metallic options to hold Flat tape on terrace, parapet and side walls either by screwing, or gluing with different mounting options

Material : SS-304
Finish : Natural & Clean

Tape size	Mounting Arrangement	Code
20-30mm	Screwing	TCS0030
20-30mm	Screwing	DCSF030
20-30mm	Screwing with Base	DCSF030SB
20-30mm	Gluing	DCSF030GB



Connectors

Parallel Connectors

Suitable for connecting two round conductors in parallel

Material : SS-304
Finish : Natural & Clean

Conductor dia	Code
8-10mm	SPG0810



Universal Round Conductor Connector

Used as a universal round conductor connector to make parallel or T/Cross joint.

Material : SS-304
Finish : Natural & Clean

Conductor dia	Code
1x, 8-10 mm	UCS0810
2x, 8-10 mm	UCS0810C2



Cross Connector

Used as a round conductor connector to make T/Cross joint.

Material : SS-304
Finish : Natural & Clean

Conductor Dia	Code	Plate Type
8-10 mm	SSQ0810	Without indeterminate plate
8-10 mm	SSQ0810P	With indeterminate plate



Connectors

Test Link (Round to Flat)

Used as a round to flat conductor connector and also as a test link between down conductor and earthing system.

Material : SS-304

Finish : Natural & Clean

Conductor dia	Tape Width	Code
8-10mm	30mm	RFC0825P
8-10mm	50mm	RFC0850P



Test Link (Flat to Flat)

Used as a flat to flat conductor connector and also as a test link between down conductor and earthing system.

Material : SS-304

Finish : Natural & Clean

Tape width	Code
30mm	FFC030P



Lightning Counter

Digital Counter

No. Of Digits	Code
2	ADLEC2
6	ADLEC6

Note: Analogue Counter Available on Request



Early Steamer Emission (ESE)

ESE & Air Terminal

Protection Radius of Axis Smart Lightning Arrester B19:N35 B19:N45 D33 B19:L2 B19:N42

The protection radius of an ASLA is related to its height (h) relative to the surface to be protected, to its efficiency and to the selected protection level

$$R_p(h) = \sqrt{2rh - h^2} + \Delta \quad \text{for } h \geq 5\text{m}$$

$$R_p = h \times R_p(5) / 5 \quad \text{for } 2\text{m} \leq h \leq 5\text{m}$$

R_p = Protection radius of ASLA at a given height h (m)

h = Height of ASLA tip over the area of reference plane considered

r = 20m for protection Level-I 30m for protection Level-II

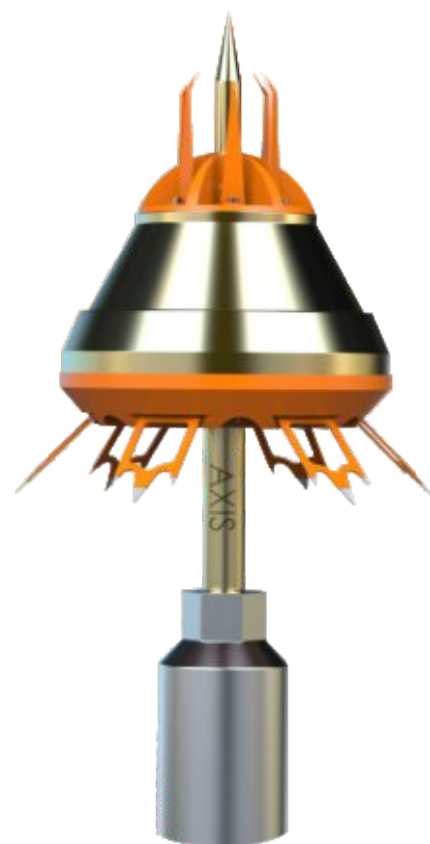
45m for protection Level-III 60m for protection Level-IV

Δ = Initiation advance equivalent to efficiency of ASLA as per below (m)

ASLA-15: $\Delta=20$ ASLA-30: $\Delta=30$ ASLA-45: $\Delta=45$ ASLA-60: $\Delta=60$

Protection Radius of ASLA ESE, R_p (m)

Height of ASLA terminal over the protection area h(m)	2	3	4	5	8	10	15	20	45	60
Protection Level 1										
ASLA 15	15	22	30	37	38	39	40	40	31	-
ASLA 30	19	29	38	48	49	49	50	50	43	30
ASLA 60	31	47	63	79	79	79	80	80	76	69
Protection Level 2										
ASLA 15	17	26	35	43	45	46	49	49	48	40
ASLA 30	22	33	44	55	56	57	59	59	58	52
ASLA 60	35	52	69	86	87	88	89	89	89	85
Protection Level 3										
ASLA 15	20	31	41	51	53	55	60	60	65	63
ASLA 30	25	38	51	63	65	66	71	71	75	73
ASLA 60	39	58	78	97	98	99	102	102	105	104
Protection Level 4										
ASLA 15	23	35	46	58	61	62	69	69	79	80
ASLA 30	28	43	57	71	73	75	81	81	89	90
ASLA 60	43	64	85	107	108	109	113	113	119	120



Surge Protection Device

Surge Protection Device (SPD) For ACDB

Type 1, 1+2, 2 AC Side



To connect different Earthing Systems



For CCTV & POE Application



Surge Protection Device

Surge Protection Device (SPD) For DCDB

Different type of Voltages for PVDC 600V, 1000V, 1200V, 1500V





Earth Rods

AXIS Earthing Rods are made of hard drawn high conductive copper as well as high tensile low carbon steel molecularly bonded by 99.9% pure electrolytic copper.

Rod Dai. mm	Rod Lenght mm	Thread Dia. Inch	Code
12.5	1000	9/16"	CBR1410TNU
12.5	1200	9/16"	CBR1412TNU
12.5	1500	9/16"	CBR1415TNU
12.5	1800	9/16"	CBR1418TNU
12.5	2000	9/16"	CBR1420TNU
12.5	2400	9/16"	CBR1424TNU
12.5	3000	9/16"	CBR1430TNU
14.7	1000	5/8"	CBR1610TNU
14.7	1200	5/8"	CBR1612TNU
14.7	1500	5/8"	CBR1615TNU
14.7	1800	5/8"	CBR1618TNU
14.7	2000	5/8"	CBR1620TNU
14.7	2400	5/8"	CBR1624TNU
14.7	3000	5/8"	CBR1630TNU
17.2	1000	3/4"	CBR2010TNU
17.2	1200	3/4"	CBR2012TNU
17.2	1500	3/4"	CBR2015TNU
17.2	1800	3/4"	CBR2018TNU
17.2	2000	3/4"	CBR2020TNU
17.2	2400	3/4"	CBR2024TNU
17.2	3000	3/4"	CBR2030TNU

CBR-TNU

CBR-PNU

BC



THREADED
COUPLERS (BC)



PRESS FIT
COUPLER (PFC)

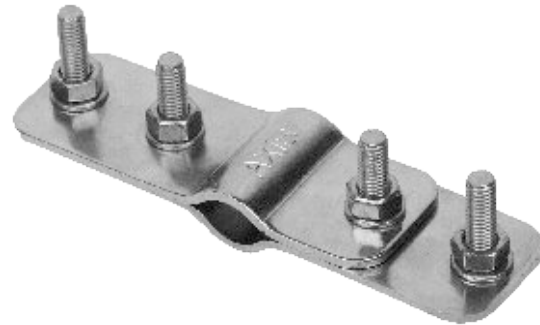
Note: Unthreaded Earthing Rod is with suffix "PNU"

Earth Rods Clamps

Suitable for connecting earth rods to flat conductors

Material : SS-304
Fastners : SS-304
Finish : Natural & Clean

Round Conductor dia	Flat Size	Code
14 to 22mm	25 x 3 mm	AEL91145
18-25 mm	25 x 3 mm	AEL91145V1
14 to 22mm	50 x 6 mm	AEL91357
32-40 mm	30 x 6 mm	AEL91342



Axifill Earth Enhancing Compound

The Axifill Compound is tested as per the standard IEC 62561-7 and is also RoHS compliant

Item No.	Item Description	Capacity in KG
AXIFILL11-B	EARTH ENHANCING COMPOUND	11.5
AXIFILL25-B	EARTH ENHANCING COMPOUND	25
AEL90132V1	BENTONITE MOISTURE RETAINING POWDER	11.5
AEL90132	BENTONITE MOISTURE RETAINING POWDER	25



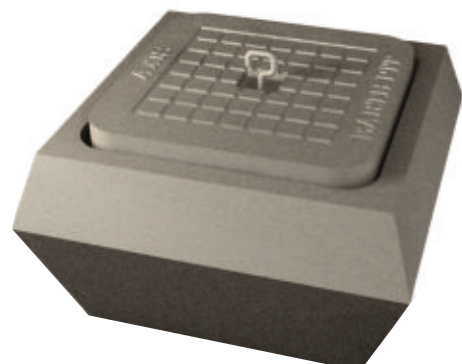
Earth Pit

Concrete Earth Pit

The concrete earth pit is used for load ratings upto 4000 Kgs and is suitable for most types of earthing and lightning protection installations.

The Pit can have an earth bar fitted diagonally across in slots provided for multiple connections.

Description	Code
300 x 300	CEP3030

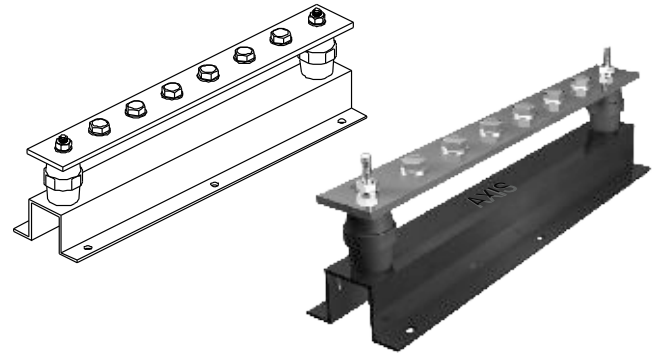


Earth Bars & Disconnecting Links

Earth Bars - Galvanised

Material : Mild Steel

Finish : Hot Dip Galvanised To Iso 1461 / Bs-729 Shall Be Supplied In A Straight Form (5 Meters Of Length)



Flat Bar Size	W (mm)	T (mm)	Code
20 X 2	20	2	AS202HDG
20 X 3	20	3	AS203HDG
25 X 2	25	2	AS252HDG
25 X 3	25	3	AS253HDG
25 X 4	25	4	AS254HDG
25 X 5	25	5	AS255HDG
25 X 6	25	6	AS256HDG
30 X 3	30	3	AS303HDG
30 X 4	30	4	AS304HDG
30 X 5	30	5	AS305HDG
40 X 3	40	3	AS403HDG
40 X 4	40	4	AS404HDG
40 X 5	40	5	AS405HDG
40 X 6	40	6	AS406HDG
50 X 2	50	2	AS502HDG
50 X 3	50	3	AS503HDG

Flat Bar Size	W (mm)	T (mm)	Code
50 X 4	50	4	AS504HDG
50 X 6	50	6	AS506HDG
50 X 10	50	10	AS5010HDG
60 X 4	60	4	AS604HDG
60 X 5	60	5	AS605HDG
60 X 6	60	6	AS606HDG
60 X 8	60	8	AS608HDG
60 X 10	60	10	AS6010HDG
75 X 5	75	5	AS755HDG
75 X 6	75	6	AS756HDG
75 X 10	75	10	AS7510HDG
75 X 12	75	12	AS7512HDG
80 X 5	80	5	AS805HDG
80 X 6	80	6	AS806HDG
80 X 10	80	10	AS8010HDG
80 X 12	80	12	AS8012HDG

All Dimensions are in mm

Note: Other Size Are Available On Request.

Compression Cable Lugs - Copper

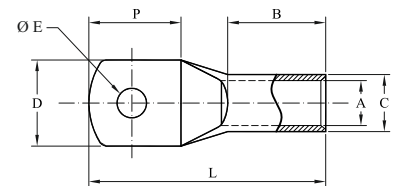
Material : E-Copper

Finish : Electro-Tinned

Features : With Inspection Hole



Cable Size mm2	Stud Size Ø E	Dimensions In mm						Code		
		A	C	D	P	B	L			
1.5	4.2	1.8	3.7	8	9	5	16	ATR0001M04		
	10				ATR0001M05					
	6.2			10	12		18	ATR0001M06		
2.5	4.2	2.4	4	8	9	7	18	ATR0002M04		
	5.2							20	ATR0002M05	
	6.2			10	12			ATR0002M06		
	8.2				15		24	ATR0002M08		
4	5.2	3.1	4.8	10	11	7	21	ATR0004M05		
	6.2								25	ATR0004M06
	8.2			12	15			ATR0004M08		
6	4.2	3.8	5.5	10	11	11	26	ATR0006M04		
	5.2									ATR0006M05
	6.2			12	15		30	ATR0006M06		
	8.2									ATR0006M08
	10.5			14	19		39	ATR0006M10		
10	5.2	4.5	6.1	11	13	11	28	ATR0010M05		
	6.2									ATR0010M06
	8.2			12	17		30	ATR0010M08		
	10.5	4.7	7.1					17	23	35
	13									
16	5.2	5.4	7.1	12	15	13	32	ATR0016M05		
	6.2									ATR0016M06
	8.2			17	24		11	36	ATR0016M08	
	10.5									
	13			18						
25	5.2	6.8	8.8	13	15	13	32	ATR0025M05		
	6.2									ATR0025M06
	8.2			17	24		38	ATR0025M08		
	10.5									ATR0025M10
	13									ATR0025M12



Compression Cable Lugs - Copper

Cable Size mm2	Stud Size Ø E	Dimensions In mm						Code
		A	C	D	P	B	L	
35	5.2	8.2	10.5	15	20	14	38	ATR0035M05
	6.2							ATR0035M06
	8.2							ATR0035M08
	10.5							ATR0035M10
	13			18	23		41	ATR0035M12
	17			22	33		52	ATR0035M16
50	6.2	9.6	12.4	18	20	17	42	ATR0050M06
	8.2							ATR0050M08
	10.5							ATR0050M10
	13							ATR0050M12
70	8.2	11.1	14.3	21	24	24	54	ATR0070M08
	10.5							ATR0070M10
	13							ATR0070M12
	14.5			24	27			ATR0070M14
	17							ATR0070M16
95	10.5	36	17.4	25	24	25	55	ATR0095M10
	13							ATR0095M12
	14.5				28		60	ATR0095M14
	17				30		65	ATR0095M16
120	8.2	15.1	19.4	28	27	24	60	ATR0120M08
	10.5							ATR0120M10
	13							ATR0120M12
	14.5				33		67	ATR0120M14
	17							ATR0120M16
150	8.2	16.6	21.1	30	33	26	72	ATR0150M08
	10.5							ATR0150M10
	13							ATR0150M12
	14.5							ATR0150M14
	17							ATR0150M16



Compression Cable Lugs - Copper

Cable Size mm ²	Stud Size Ø E	Dimensions In mm						Code
		A	C	D	P	B	L	
185	10.5	18.5	23.5	34	35	32	82	ATR0185M10
	13							ATR0185M12
	14.5							ATR0185M14
	17							ATR0185M17
240	10.5	21.1	26.4	38	41	38	92	ATR0240M10
	13							ATR0240M12
	14.5							ATR0240M14
	17							ATR0240M16
	21							ATR0240M20
	BLANK							ATR0240MBL
300	10.5	23.6	29.9	43	45	41	101	ATR0300M10
	13							ATR0300M12
	14.5							ATR0300M14
	17							ATR0300M16
	21							ATR0300M20
	BLANK							ATR0300MBL
400	13	26.5	33.5	48	50	45	113	ATR0400M12
	14.5							ATR0400M14
	17							ATR0400M16
	21							ATR0400M20
	BLANK							ATR0400MBL
500	13	30.1	38.9	56	58	52	130	ATR0500M12
	14.5							ATR0500M14
	17							ATR0500M16
	21							ATR0500M20
	BLANK							ATR0500MBL
630	14.5	34.5	44	65	68	56	148	ATR0630M14
	17							ATR0630M16
	21							ATR0630M20
	27							ATR0630M25
	BLANK							ATR0630MBL
800	17	39	50.6	72	77	78	176	ATR0800M16
	21							ATR0800M20
	BLANK							ATR0800MBL
1000	17	43	56.2	80	90	90	200	ATR1000M16
	21							ATR1000M20
	27							ATR1000M25
	BLANK							ATR1000MBL
1200	27	46	60.4	87	90	100	210	ATR1200M25
	BLANK							ATR1200MBL



Compression Cable Lugs - Aluminium

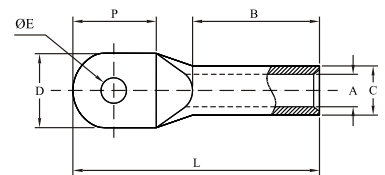
Material : Electrolytic Grade AL 99.5

Finish : Bright or Electro-tinned

Features : Barrel Prefilled with Oxide inhibiting Compound & Capped at the end



Cable mm ²	Stud Size ØE	Dimensions In mm						Code
		A	C	D	P	B	L	
16	8.2	5.5	11	20	21	41	69	AAH0016M08
	10.5							AAH0016M10
25	8.2	6.5	15	22	21	41	69	AAH0025M08
	10.5							AAH0025M10
35	10.5	8	15	25	22	50	79	AAH0035M10
	13							AAH0035M12
50	10.5	9.7	18	26	24	50	81	AAH0050M10
	13							AAH0050M12
70	10.5	11	18	26	26	62	95	AAH0070M10
	13							AAH0070M12
95	10.5	13.1	20	29	28	73	109	AAH0095M10
	13							AAH0095M12
	17							AAH0095M16
120	13	14.7	22	32	30	73	114	AAH0120M12
	17							AAH0120M16
150	13	16.5	25	36	34	83	128	AAH0150M12
	17							AAH0150M16
	21							AAH0150M20
185	13	18.1	28	45	36	83	131	AAH0185M12
	17							AAH0185M16
	21							AAH0185M20
240	13	21	28	45	44	86	144	AAH0240M12
	17							AAH0240M16
	21							AAH0240M20
300	17	23.2	34	55	54	89	157	AAH0300M16
	21							AAH0300M20
400	17	26	38	55	60	113	187	AAH0400M16
	21							AAH0400M20
500	17	29	45	65	64	125	205	AAH0500M16
	21							AAH0500M20
630	17	33.5	45	65	68	140	225	AAH0630M16
	21							AAH0630M20
800	21	37.6	58	84	78	147	250	AAH0800M20
	27							AAH0800M25
1000	21	41.5	60	87	90	160	280	AAH1000M20
	27							AAH1000M25

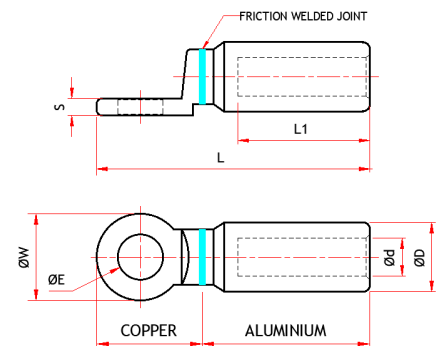


Compression Cable Lugs - Bimetallic ADTL2 Series

Material : E-Copper & AL 99.5%

Finish : Bright

Features : Barrel Prefilled With Oxide Inhibiting Compound & Capped At The End



Cable mm2	Dimensions In mm							Code
	ØE	Ød	ØD	ØW	S	L1	L	
16	8.5	5.5	16	24	4	47	90	ADTL21608
	10.5							ADTL21610
	13							ADTL21612
25	8.5	6.5	16	24	4	47	90	ADTL22508
	10.5							ADTL22510
	13							ADTL22512
35	8.5	8.5	16	24	4	47	90	ADTL23508
	10.5							ADTL23510
	13							ADTL23512
50	8.5	9.5	20	24	5	50	98	ADTL25008
	10.5							ADTL25010
	13							ADTL25012
70	8.5	11	20	24	5	50	98	ADTL27008
	10.5							ADTL27010
	13							ADTL27012
95	8.5	12.5	20	24	5	50	98	ADTL29508
	10.5							ADTL29510
	13							ADTL29512
120	10.5	15	25	30	6	60	117	ADTL212010
	13			35	6.5			ADTL212012
	17			35	6.5			ADTL212016
150	10.5	16	25	30	6	60	117	ADTL215010
	13			35	6.5			ADTL215012
	17			35	6.5			ADTL215016
185	10.5	17	32	30	6	60	117	ADTL218510
	13			35	6.5			ADTL218512
	17			35	6.5			ADTL218516

Compression Cable Lugs - Bimetallic ADTL2 Series

Cable mm ²	Dimensions In mm							Code
	ØE	Ød	ØD	ØW	S	L1	L	
240	10.5	20	32	30	6	60	117	ADTL224010
	13							ADTL224012
	17			35	6.5		124	ADTL224016
300	10.5	23.3	34	30	6	60	117	ADTL230010
	13							ADTL230012
	17			35	7		130	ADTL230016
400	13	26	40	36	8	90	160	ADTL240012
	17							ADTL240016
	21							ADTL240020
	BL							ADTL2400BL
500	17	29	47	SQ 60 x 60	10	94	200	ADTL250016SQ
	21							ADTL250020SQ
	BL							ADTL2500BLSQ
	17			36	8	90	160	ADTL250016
	21							ADTL250020
	BL							ADTL2500BL
630	17	32.5	47	SQ 60 x 60	10	94	200	ADTL263016SQ
	21							ADTL263020SQ
	BL							ADTL2630BLSQ
	17			50	8	90	160	ADTL263016
	21							ADTL263020
	BL							ADTL2630BL

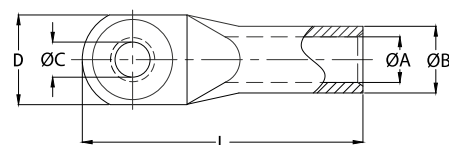


Compression Cable Lugs - Bimetallic ADTL3 Type

Material : E-Copper & AL 99.5%

Finish : Bright

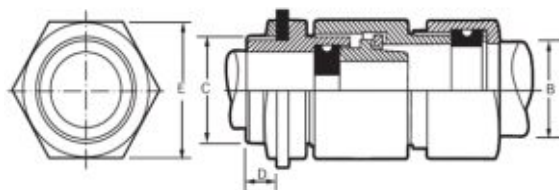
Features : Barrel Prefilled With Oxide Inhibiting Compound & Capped At The End



Cable mm ²	Dimensions In mm					Code
	ØA	ØB	ØC	D	L	
16	5.5	12	10.5	24	72	ADTL31610
			13			ADTL31612
25	6.5	12	10.5	24	72	ADTL32510
			13			ADTL32512
35	8.5	14	10.5	25	82	ADTL33510
			13			ADTL33512
50	10	16	10.5	27	87	ADTL35010
			13			ADTL35012
70	11.5	18	10.5	32	102	ADTL37010
			13			ADTL37012
95	13.5	22	10.5	35	106	ADTL39510
			13			ADTL39512
120	15	22	10.5	35	112	ADTL312010
			13			ADTL312012
150	16.5	25	10.5	35	125	ADTL315010
			13			ADTL315012
185	18.5	28	13	42	133	ADTL318512
			17			ADTL318516
240	21	32	13	46	140	ADTL324012
			17			ADTL324016
300	23.5	34	13	50	155	ADTL330012
			17			ADTL330016
400	26.5	38	13	58	170	ADTL340012
			17			ADTL340016
500	29.5	42	17	59	170	ADTL350016
			21			ADTL350020
630	35	45	17	60	180	ADTL363016
			21			ADTL363020

Double Compression Weatherproof Cable Gland

Material	: Brass
Gland Type	: Double Compression Weatherproof
Ref. Standard	: BS 6121
IP Rating	: IP 67; IEC 60529
Finish	: Nickel Plated
Rubber	: Neoprene



Cable OD Range To - From (mm)	Thread Dia (ET / C)	Metric (mm) (ET / C)"	Thread Length (D)	Overall Dia (B)	Across Corner (F)	Code
8.0 - 13.0	3/4"	M20	15	13	24.5	ADW01SS
13.0 - 16.0	3/4"	M20	15	16.5	29	ADW01S
16.0 - 18.0	3/4"	M20	15	18	32	ADW01
18.0 - 20.0	1"	M25	15	20	36.5	ADW02
20.0 - 23.0	1"	M25	15	23	37	ADW03
23.0 - 26.0	1"	M25	15	26	44	ADW04
26.0 - 30.0	1.1/4"	M32	15	30	47	ADW05
30.0 - 33.0	1.1/2"	M32	15	33	54	ADW06
33.0 - 37.0	1.1/2"	M32	15	37	57	ADW07
37.0 - 41.0	2"	M50	15	41	64	ADW08
41.0 - 46.0	2"	M50	15	46	67	ADW09
46.0 - 52.0	2"	M50	20	52	77	ADW010
52.0 - 54.0	2.1/2"	M63	20	56	85	ADW011S
54.0 - 60.0	2.1/2"	M63	20	60	92	ADW011
60.0 - 66.0	3"	M75	20	66	98	ADW012
66.0 - 72.0	3"	M75	20	73	103	ADW013A
72.0 - 78.0	3.1/4"	M82	20	78	113	ADW013
78.0 - 84.0	3.1/2"	M90	20	84	121	ADW014
84.0 - 92.0	4"	M100	20	92	132	ADW015
92.0 - 104.0	4.1/2"	M110	20	104	149	ADW016

Gland Accessories

PVC Shroud

The shroud are recommended to use with all cable glands to provide additional ingress protection and to minimize the risk of dirt or any foreign substance gathering around gland body.

PVC Shrouds are denoted by gland reference number and are compatible with each glands size.



LSF Shroud

The shrouds are recommended to use with all cable glands to provide additional ingress protection and to minimize the risk of dirt or any foreign substance gathering around gland body and also where there is a concern of fire safety.

LSF Shrouds are manufactured from low smoke and fume, halogen free material.

It possesses the properties of self extinguishing and non-dripping in fire risk environment.

It is also available in different colours. (eg. Red, Yellow, Blue, Black, Orange, White, etc.)

Gland Kit

Axis provides ready to use gland kit which consists of all the basic components required to terminate the cable to the equipments.

Size	Component / Kit
20 - 25	Glands, Locknuts, Earthtags, PVC Shrouds and Screws - 2 Ea.
32 - 90	Gland, Locknut, Earthtag, PVC Shroud and Screw - 1 Ea.

Note: For A1/A2 Glands Earth Tag not required.



Cable Ties & Markers

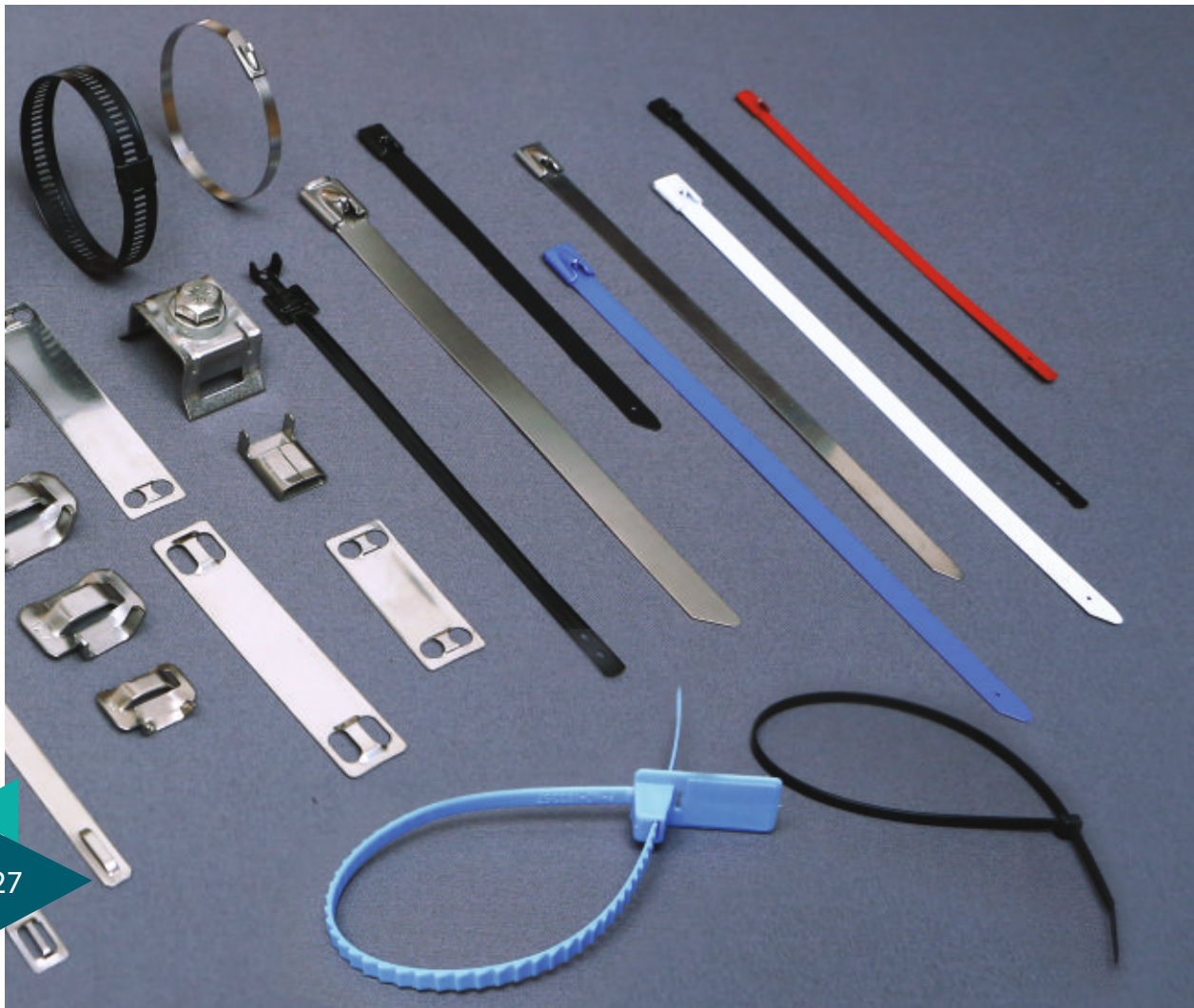
The AXIS Cable Ties product range offers users solutions that are designed and manufactured for fast assembly and reliable performance. AXIS Cable Ties are constructed from high-quality materials made with Stainless Steel - Grade 316 and Epoxy polyester coated for corrosion resistance. With Cable tie sizes ranging from 3/16" (4.6 mm) to 5/8" (16 mm) Cable ties are dependable with Safe Bundling, Fastening, and Identification in Corrosive Environments for Industrial applications, the Oil & Gas Industry and more.

The AXIS Industrial Cable Tie range is designed, manufactured, tested and comply with International Standards like IEC / UL 62275.

Cable Ties

Features

- UV and weather Resistant.
- Heat shrinkable using a hot air gun.
- Various sizes are available.



Cable Ties & Markers

Stainless Steel Cable Ties - Releasable

Material : Stainless Steel 316
 Material Tensile Strength : For 6mm - 1334n(133.4kgs)
 For 9mm - 2000n(200kgs)
 Finish : Natural & Uncoated



Max Bundle Dia - mm	Length mm	Width mm	Code
50	150	6	ARU56150
50	230	6	ARU56230
100	330	6	ARU56330
100	450	6	ARU56450
150	600	6	ARU56600
200	750	6	ARU56750
250	900	6	ARU56900
50	150	9	ARU106150
50	230	9	ARU106230
100	330	9	ARU106330
100	450	9	ARU106450
150	600	9	ARU106600
200	750	9	ARU106750
250	900	9	ARU106900

Material : Stainless Steel 316
 Material Tensile Strength : For 6mm - 1334n(133.4kgs)
 For 9mm - 2000n(200kgs)
 Finish : Coated



Max Bundle Dia - mm	Length mm	Width mm	Code
50	150	6	ARC56150
50	230	6	ARC56230
100	330	6	ARC56330
100	450	6	ARC56450
150	600	6	ARC56600
200	750	6	ARC56750
250	900	6	ARC56900
50	150	9	ARC106150
50	230	9	ARC106230
100	330	9	ARC106330
100	450	9	ARC106450
150	600	9	ARC106600
200	750	9	ARC106750
250	900	9	ARC106900

Cable Ties & Markers

Stainless Steel Cable Ties - Roller Ball

Material : Stainless Steel 316
Material Tensile Strength : For 4.6mm - 445n(44.5kgs)
For 7.9mm - 1112n(111.2kgs)
Finish : Natural & Uncoated



Max Bundle Dia - mm	Length mm	Width mm	Code
30	100	4.6	ABU46100
50	150	4.6	ABU46150
50	200	4.6	ABU46200
100	260	4.6	ABU46260
100	360	4.6	ABU46360
150	520	4.6	ABU46520
200	680	4.6	ABU46680
250	840	4.6	ABU46840
300	1000	4.6	ABU461000
30	100	7.9	ABU76100
50	150	7.9	ABU76150
50	200	7.9	ABU76200
100	260	7.9	ABU76260
100	360	7.9	ABU76360
150	520	7.9	ABU76520
200	680	7.9	ABU76680
250	840	7.9	ABU76840
300	1000	7.9	ABU761000

Material : Stainless Steel 316
Material Tensile Strength : For 4.6mm - 445n(44.5kgs)
For 7.9mm - 1112n(111.2kgs)
Finish : Coated



Max Bundle Dia - mm	Length mm	Width mm	Code
30	100	4.6	ABC46100
50	150	4.6	ABC46150
50	200	4.6	ABC46200
100	260	4.6	ABC46260
100	360	4.6	ABC46360
150	520	4.6	ABC46520
200	680	4.6	ABC46680
250	840	4.6	ABC46840
300	1000	4.6	ABC461000
30	100	7.9	ABC76100
50	150	7.9	ABC76150
50	200	7.9	ABC76200
100	260	7.9	ABC76260
100	360	7.9	ABC76360
150	520	7.9	ABC76520
200	680	7.9	ABC76680
250	840	7.9	ABC76840
300	1000	7.9	ABC761000

Cable Ties & Markers

Stainless Steel Cable Ties - Ladder Type

Material : Stainless Steel 316
Finish : Coated



Dimensions In Mm				
Cable Tie Size (mm)	Width 'W' (mm)	Length 'L' (mm)	Max. Bundle Dia (mm)	Code
7 x 100	7	100	20	ALC07100
7 x 150	7	150	35	ALC07150
7 x 200	7	200	50	ALC07200
7 x 225	7	225	58	ALC07225
7 x 250	7	250	66	ALC07250
7 x 300	7	300	82	ALC07300
7 x 350	7	350	98	ALC07350
7 x 360	7	360	101	ALC07360
7 x 400	7	400	114	ALC07400
7 x 450	7	450	130	ALC07450
7 x 500	7	500	146	ALC07500
7 x 550	7	550	162	ALC07550
7 x 610	7	610	178	ALC07610
7 x 750	7	750	226	ALC07750
7 x 1000	7	1000	305	ALC071000

Dimensions In Mm				
Cable Tie Size (mm)	Width 'W' (mm)	Length 'L' (mm)	Max. Bundle Dia (mm)	Code
12 x 100	12	100	20	ALC12100
12 x 150	12	150	35	ALC12150
12 x 200	12	200	50	ALC12200
12 x 225	12	225	58	ALC12225
12 x 250	12	250	66	ALC12250
12 x 300	12	300	82	ALC12300
12 x 350	12	350	98	ALC12350
12 x 360	12	360	101	ALC12360
12 x 400	12	400	114	ALC12400
12 x 450	12	450	130	ALC12450
12 x 500	12	500	146	ALC12500
12 x 550	12	550	162	ALC12550
12 x 610	12	610	181	ALC12610
12 x 750	12	750	226	ALC12750
12 x 1000	12	1000	305	ALC121000

Cable Ties & Markers

Stainless Steel Cable Ties - Ladder Type

Material : Stainless Steel 316
Finish : Uncoated



Dimensions In Mm				
Cable Tie Size (mm)	Width 'W' (mm)	Length 'L' (mm)	Max. Bundle Dia (mm)	Code
7 x 100	7	100	20	ALU07100
7 x 150	7	150	35	ALU07150
7 x 200	7	200	50	ALU07200
7 x 225	7	225	58	ALU07225
7 x 250	7	250	66	ALU07250
7 x 300	7	300	82	ALU07300
7 x 350	7	350	98	ALU07350
7 x 360	7	360	101	ALU07360
7 x 400	7	400	114	ALU07400
7 x 450	7	450	130	ALU07450
7 x 500	7	500	146	ALU07500
7 x 550	7	550	162	ALU07550
7 x 610	7	610	178	ALU07610
7 x 750	7	750	226	ALU07750
7 x 1000	7	1000	305	ALU071000

Dimensions In Mm				
Cable Tie Size (mm)	Width 'W' (mm)	Length 'L' (mm)	Max. Bundle Dia (mm)	Code
12 x 100	12	100	20	ALU12100
12 x 150	12	150	35	ALU12150
12 x 200	12	200	50	ALU12200
12 x 225	12	225	58	ALU12225
12 x 250	12	250	66	ALU12250
12 x 300	12	300	82	ALU12300
12 x 350	12	350	98	ALU12350
12 x 360	12	360	101	ALU12360
12 x 400	12	400	114	ALU12400
12 x 450	12	450	130	ALU12450
12 x 500	12	500	146	ALU12500
12 x 550	12	550	162	ALU12550
12 x 610	12	610	181	ALU12610
12 x 750	12	750	226	ALU12750
12 x 1000	12	1000	305	ALU121000

Cable Ties & Markers

Stainless Steel Cable Ties - Markers

Type : Markers

Material : Stainless Steel Grade 316

Alphabets	Number	Symbols
A - Z	0 - 9	, . / ; : ' - + () * & # @ !



Stainless Steel Cable Ties - I.D Tags

Type : ID Tags

Material : Stainless Steel Grade 316

Width	Length	Code
19	50	IDT1950
19	90	IDT1990



We can develop products according to customer needs and specification.

Stainless Steel Cable Ties - Carrier

Type : Carrier

Material : Stainless Steel Grade 316

Width	Length	Code
8	75	CS8075
8	90	CS8090
8	130	Cs8130



We can develop products according to customer needs and specification.
And other length also available 10 , 16 , 20.Digits

U-Bolt Set

A "U-bolt set" in pole line applications is used to securely fasten crossarms, insulators, and other hardware to utility poles, ensuring the stability and integrity of power transmission infrastructure.

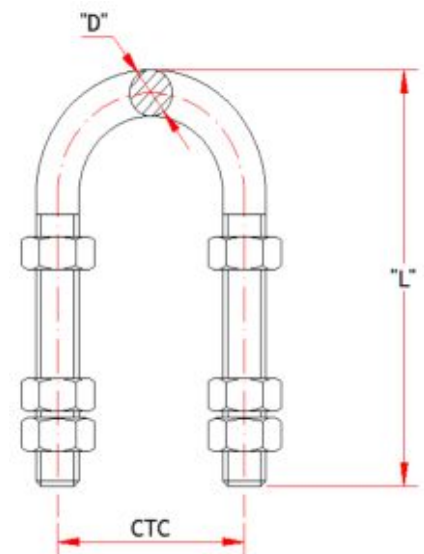
Material	: Mild Steel
Finish	: Hot Dip Galvanised to BS EN ISO 1461
Applicable Standard	: BS 3288



U-bolt Dia "D"	Length "L"	CTC	Code
M14	125	70	AUBS14125
M14	200	70	AUBS14200
M16	125	70	AUBS16125
M16	200	70	AUBS16200

Note:

1. All dimensions are in mm otherwise specified.
2. Different sizes are also available on request.



Solar Cable Clips



AX- SCC-4S/2



AX- SCC-ST/2



AX- SCC-6S/2



AX- SCC-US/2



AX- SCC-4S/4



AX- SCC-6S/4



AX- SCC-ST/4M



AX- SCC-ST/4



AX- SCC-90/4S/2



AX- SCC-90/6S/2



AX- SCC-90/6S/4



AX- SCC-CT

PV Connector



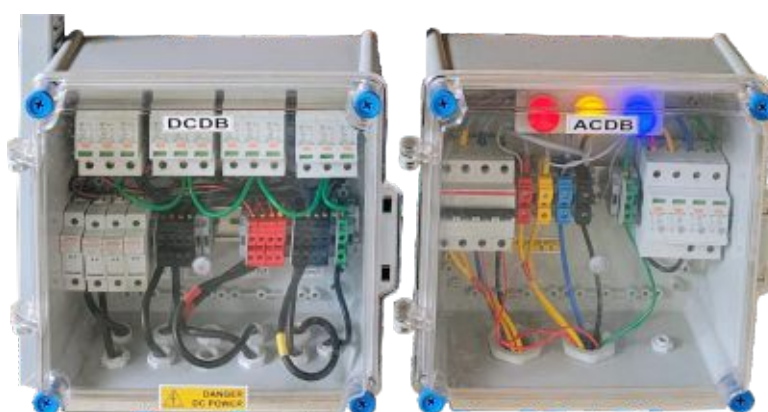
Branch Connector



Junction Box



DC Combiner Box / Array Junction Box



Hand Crimp Tools



Insulation Stripper



Connection Spanner & Unplug Tool





Presence



2025 Edition

Talk to Us



Domestic Sales

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