

Bi-metal Al/Cu Cable Lugs

Cable lugs for single and multicore extension cables



Application

Incore Cables heavy duty Al/Cu bi-metal long barrel compression cable lugs are custom innovated and qualified for best performance for highly flexible aluminium conductors of PowerAmp-A and PowerAmp-AMS cables. Designed to assure an extremely reliable connection to DIN EN 61238 Part 1.

Technical data

Construction	: Al/Cu: IEC60228 Clause 4 (Cu annealed; Al min. 99,5% purity)
Welding method Al-Cu	: Oxidation free friction weld
Compression grease	: Barrel enclosed (capped)
Finish	: Bright & burr free
Marking	: Printing on outside barrel, Article code

Specifications

Max. cond. operating temperature	: 90°C, short circuit 250°C Certified class 5 conductor shape compression connection
Outdoor	: When proper assembled acc. local standards
Max. Pull (N)	: 40 x nom. Cross sectional area (mm ²); IEC61238-1
Electrical resistance at 20°C	: $2,87 \cdot 10^{-8} \Omega \cdot m$

Packing:

Seal	: plastic bag, boxing and mass on request
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Options:

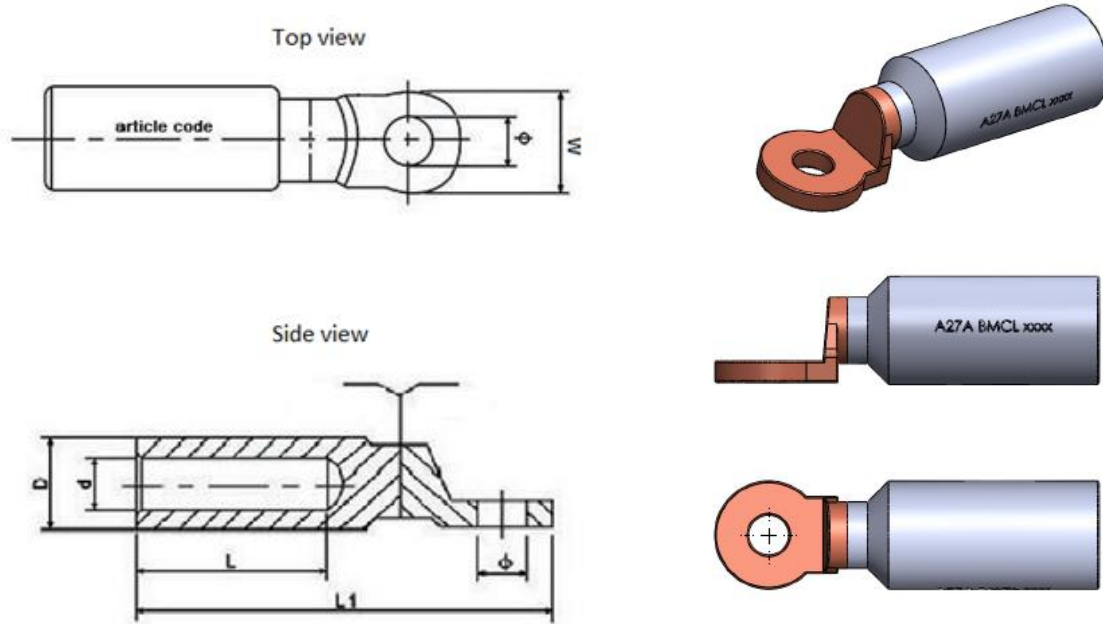
Assembly	: By certified in house experts for cable/maintenance contracts Customized sizing on request Installers expert course and certification
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Standards applied

IEC 61238-1	mechanical and electrical testing
IEC60228	(Al/Cu)
Directive 2006/95/CE	

Bi-metal Al/Cu Cable Lugs

Bi-metal Al/Cu cable lugs for PowerAmp-A cables



Documentation

: [Datasheet instruction assembly Bi-metal cable lug](#)

Range and Dimensions

Article Code	Ø mm	W mm	D mm	d mm	L	L1
A27ABMCL0701	13	24	16	4.2	42	90
A27ABMCL0801	9	24	16	5.3	42	90
A27ABMCL0901	9	24	16	6.3	42	90
A27ABMCL1001	9	24	16	7.7	42	90
A27ABMCL1101	9	24	20	9.1	43	90
A27ABMCL1200	13	24	20	10.7	43	90
A27ABMCL1201	9	24	20	10.7	43	90
A27ABMCL1300	13	24	20	12.5	43	90
A27ABMCL1301	9	24	20	12.5	43	90
A27ABMCL1400	13	30	25	14.3	60	117
A27ABMCL1500	13	30	25	16.2	60	117
A27ABMCL1600	13	35	32	18.0	60	122
A27ABMCL1700	13	35	32	19.9	60	122
A27ABMCL1800	13	36	34	22.8	62	128
A27ABMCL1801	17	36	34	22.8	62	128
A27ABMCL1900	13	51	40	25.6	70	162
A27ABMCL1902	19	51	40	25.6	70	162
A27ABMCL2000	13	51	47	29.6	75	167
A27ABMCL2100	13	60	54	32.9	80	200

NOTICE

Incore Cables has endeavored to ensure the accuracy of the data in this publication, however we cannot be liable for the consequences of errors or omissions. All data is subject to change without notice. The installer and/or user assumes all liability for the consequences of the installation and/or use of any of our products in contravention of any applicable law, regulation or code.

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