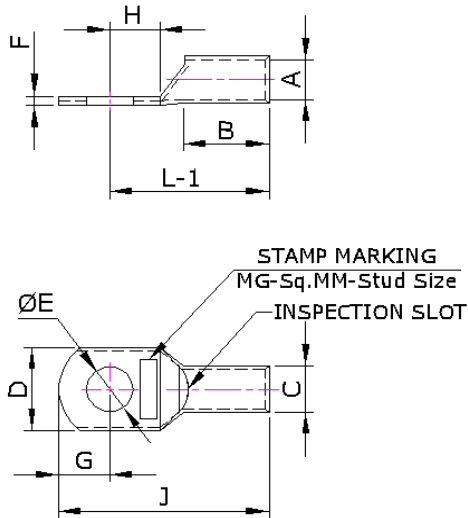


Copper Tubular Terminal Ends for XLPE Cables (MGCUS Series)



Technical Specification

Material: Copper BS 1977:1976 & IS 1897

Surface: Tin-plated to protect against corrosion

Minimum operating temperature: -50 °C

Maximum operating temperature: 150 °C

Reference standard: Indian Standards

Features

- Annealed material optimizes material and crimping properties
- ETP Electrolytic Grade Copper.
- Tin-plated 5 micron plus to protect against corrosion.
- Crack free crimping.
- Bur free connection surface.
- Lowest millivolt drop for DC current application.
- Simple and safe connection.
- Terminate power cables in high-voltage applications.
- Provided with inspection hole to ensure the conductor has been fully inserted before crimping is done.

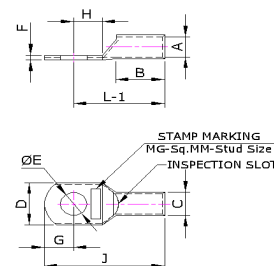
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- Flat contact surface to avoid hotspot.

COPPER TUBULAR TERMINAL ENDS FOR XLPE CABLES

MATERIAL : COPPER BS 1977:1976 & IS 191:2007

SURFACE: TIN PLATED



Size mm ²	E	A	C	D	F	B	G	H	L-1	J	MG CAT NO.	Crim-ping Tools Code
1.5	5.2	1.8	3.7	8	1	5	4	5	12	16	MGCUS-538	MG-10
1.5	6.5	1.8	3.7	10	0.8	5	5	5	13	18	MGCUS-539	MG-10
2.5	4.2	2.4	4	8	1	7	4	5	14	18	MGCUS-388	MG-10
2.5	5.2	2.4	4	10	0.8	7	5	6	15	20	MGCUS-540	MG-10
2.5	6.5	2.4	4	10	0.8	7	5	6	15	20	MGCUS-541	MG-10
4	5.2	3.2	4.8	10	1	7	5	6	15	20	MGCUS-389	MG-10
4	6.5	3.2	4.8	10	1	7	5	6	15	20	MGCUS-543	MG-10
6	5.2	3.8	5.5	10	1.2	9	5	6	18	23	MGCUS-390	MG-10
6	6.5	3.8	5.5	12	1	9	6	9	21	27	MGCUS-544	MG-10
6	8.4	3.8	5.5	12	1	9	6	9	21	27	MGCUS-545	MG-10
10	6.5	4.5	6.2	12	1.2	9	6	7	19	25	MGCUS-353	MG-10

Copper Tubular Terminal Ends for XLPE Cables (MGCUS Series)

Size mm ²	E	A	C	D	F	B	G	H	L-1	J	MG CAT NO.	Crim- ping Tools Code
16	6.5	5.4	7.1	12	1.4	12	7	7	23	30	MGCUS-354	MG-50BS
16	8.4	5.4	7.1	12	1.4	12	7	9	25	32	MGCUS-549	MG-50BS
25	6.5	7.0	9.0	13	2	12	7	7	23	30	MGCUS-355	MG-50BS
25	8.4	7.0	9.0	16	1.6	12	10	11	27	37	MGCUS-551	MG-50BS
25	10.5	7.0	9.0	16	1.6	12	10	11	27	37	MGCUS-552	MG-50BS
35	6.5	8.2	10.6	15	2.4	12	9	9	26	35	MGCUS-542	MG-50BS
35	8.4	8.2	10.6	15	2.4	12	9	9	26	35	MGCUS-356	MG-50BS
35	10.5	8.2	10.6	18	2	12	10	11	28	38	MGCUS-554	MG-50BS
50	8.4	9.5	12.4	18	2.9	16	10	11	33	43	MGCUS-357	MG-50BS
50	10.5	9.5	12.4	18	2.9	16	10	11	33	43	MGCUS-556	MG-50BS
70	8.4	11.4	14.7	21	3.3	18	12	13	38	50	MGCUS-557	MG-120
70	10.5	11.4	14.7	21	3.3	18	12	13	38	50	MGCUS-358	MG-120
70	13	11.4	14.7	21	3.3	18	12	13	38	50	MGCUS-559	MG-120
95	10.5	13.5	17.4	25	3.9	20	13	13	42	55	MGCUS-359	MG-120H
95	13	13.5	17.4	25	3.9	20	13	13	42	55	MGCUS-561	MG-120H
120	13	15	19.4	28	4.4	22	14	14	46	60	MGCUS-241	MG-120H
120	17	15	19.4	28	4.4	22	16	16	48	64	MGCUS-546	MG-120H

Copper Tubular Terminal Ends for XLPE Cables (MGCUS Series)

Size mm ²	E	A	C	D	F	B	G	H	L-1	J	MG CAT NO.	Crim- ping Tools Code
150	13	16.5	21.2	30	4.7	26	16	16	53	69	MGCUS-242	MG-300H
150	17	16.5	21.2	30	4.7	26	16	16	53	69	MGCUS-564	MG-300H
185	17	18.5	23.5	34	5	32	17	17	61	78	MGCUS-243	MG-300H
240	17	21	26.5	38	5.5	38	20	20	72	92	MGCUS-244	MG-300H
240	21	21	26.5	38	5.5	38	20	20	72	92	MGCUS-567	MG-300H
300	17	23.5	30	43	6.5	42	22	22	79	101	MGCUS-245	MG-300H
300	21	23.5	30	43	6.5	42	22	22	79	101	MGCUS-569	MG-300H
400	17	26.8	34.8	50	8	44	26	26	88	114	MGCUS-246	MG-1000
400	21	26.8	34.8	50	8	44	26	26	88	114	MGCUS-571	MG-1000
500	17	30	39	56	9	48	28	28	96	124	MGCUS-247	MG-1000
630	21	35	45	65	10	56	33	33	111	144	MGCUS-248	MG-1000
800	BL	39	50.6	73	11.6	78	35	35	135	170	MGCUS-599	MG-1000
1000	BL	43	56.2	81	13.2	90	45	45	155	200	MGCUS-590	MG-1000

*All dimensions are in mm