

# Copper Cable Lug with Inspection Window

These copper cable lugs facilitate connection of copper cable to electrical equipment in low voltage applications. The lug features a viewing window for conductor location verification.



## Product Overview

### High-Conductivity Copper Cable Lugs

These copper cable lugs are engineered for secure and reliable electrical terminations in low-voltage power transmission and distribution systems. Manufactured from high-purity copper (Cu e 99.9%) with a tin-plated finish, they provide exceptional conductivity and long-term corrosion resistance. Each lug features a distinct rectangular inspection window on the bevel, allowing installers to quickly verify the correct positioning of the conductor before crimping.

## Material & Design

Material	Copper (Cu e 99.9%)
Surface Treatment	Tin plated
Inspection Window	Yes

## Technical Specifications

Part No.	Material	Length	Width	Height	Weight	Notes
MR000001	Cu	40	10	10	0.01	
MR000002	Cu	50	12	12	0.02	
MR000003	Cu	60	15	15	0.03	
MR000004	Cu	70	18	18	0.04	
MR000005	Cu	80	20	20	0.05	
MR000006	Cu	90	22	22	0.06	
MR000007	Cu	100	25	25	0.07	
MR000008	Cu	110	28	28	0.08	
MR000009	Cu	120	30	30	0.09	
MR000010	Cu	130	32	32	0.10	

Technical dimensions for mid-range cable lugs including conductor diameter and palm specifications.

Part No.	Material	Length	Width	Height	Weight	Notes
MR000011	Cu	140	35	35	0.11	
MR000012	Cu	150	38	38	0.12	
MR000013	Cu	160	40	40	0.13	
MR000014	Cu	170	42	42	0.14	
MR000015	Cu	180	45	45	0.15	
MR000016	Cu	190	48	48	0.16	
MR000017	Cu	200	50	50	0.17	
MR000018	Cu	210	52	52	0.18	
MR000019	Cu	220	55	55	0.19	
MR000020	Cu	230	58	58	0.20	

Detailed dimensional specifications for high-capacity cable lugs ranging from 185mm<sup>2</sup> to 300mm<sup>2</sup>.

Part No.	Material	Length	Width	Height	Weight	Notes
MR000021	Cu	240	60	60	0.21	
MR000022	Cu	250	62	62	0.22	
MR000023	Cu	260	65	65	0.23	
MR000024	Cu	270	68	68	0.24	
MR000025	Cu	280	70	70	0.25	
MR000026	Cu	290	72	72	0.26	
MR000027	Cu	300	75	75	0.27	
MR000028	Cu	310	78	78	0.28	
MR000029	Cu	320	80	80	0.29	
MR000030	Cu	330	82	82	0.30	

Dimensional data and crimping die recommendations for smaller conductor sizes.

Part No.	Material	Length	Width	Height	Weight	Notes
MR000031	Cu	340	85	85	0.31	
MR000032	Cu	350	88	88	0.32	
MR000033	Cu	360	90	90	0.33	
MR000034	Cu	370	92	92	0.34	
MR000035	Cu	380	95	95	0.35	
MR000036	Cu	390	98	98	0.36	
MR000037	Cu	400	100	100	0.37	
MR000038	Cu	410	102	102	0.38	
MR000039	Cu	420	105	105	0.39	
MR000040	Cu	430	108	108	0.40	

Detailed specifications for 95mm<sup>2</sup> to 150mm<sup>2</sup> lugs, including barrel dimensions and stud compatibility.

Part No.	Material	Length	Width	Height	Weight	Notes
MR000041	Cu	440	110	110	0.41	
MR000042	Cu	450	112	112	0.42	
MR000043	Cu	460	115	115	0.43	
MR000044	Cu	470	118	118	0.44	
MR000045	Cu	480	120	120	0.45	
MR000046	Cu	490	122	122	0.46	
MR000047	Cu	500	125	125	0.47	
MR000048	Cu	510	128	128	0.48	
MR000049	Cu	520	130	130	0.49	
MR000050	Cu	530	132	132	0.50	

Specifications for extra-large capacity lugs up to 630mm<sup>2</sup>.

### Bolt/Stud Sizes

M4 • M5 • M6 • M8 • M10 • M12 • M14 • M16 • M20 • M22

### Installation Requirements

- Crimping required
- Soldering compatible

### Supported Conductor Sizes

6mm<sup>2</sup>, 10mm<sup>2</sup>, 16mm<sup>2</sup>, 25mm<sup>2</sup>, 35mm<sup>2</sup>, 50mm<sup>2</sup>, 70mm<sup>2</sup>, 95mm<sup>2</sup>, 120mm<sup>2</sup>, 150mm<sup>2</sup>, 185mm<sup>2</sup>, 240mm<sup>2</sup>, 300mm<sup>2</sup>, 400mm<sup>2</sup>, 500mm<sup>2</sup>, 630mm<sup>2</sup>