

Copper Cable Lug Terminal

Copper cable lug terminals are used for connecting copper cables to electrical equipment in low-voltage applications. They feature a viewing window and bell mouth for easy cable installation and conductor location checking.



Product Overview

Professional Grade Cable Lugs

These high-conductivity copper cable lugs are engineered for secure and reliable low-voltage electrical terminations. Featuring a pure copper construction (Cu e 99.9%) with a durable tin-plated finish, they offer excellent corrosion resistance and electrical performance. The design includes a convenient rectangular viewing window for accurate conductor positioning and a bell-mouth barrel to facilitate smooth, efficient cable installation.

Material & Construction

| | |
|----------------|---|
| Material | Copper (Cu e 99.9%) |
| Surface Finish | Tin-plated |
| Key Features | Viewing Window, Bell-mouth Barrel, Low Voltage Compatible |

Technical Specifications

| Type | Conductor Size (mm ²) | Dimensions | | | | Stud Size | Packaging | Crimping Die |
|----------|-----------------------------------|------------|-------|--------|--------|-----------|-----------|--------------|
| | | Length | Width | Height | Radius | | | |
| JALGCR15 | 20 | 37 | 5.1 | 8.2 | M5 | 1000/12 | - | |
| JALGCR16 | 4 | 23 | 3.7 | 5.1 | M6 | - | - | |
| JALGCR18 | 10 | 29 | 4.5 | 6.1 | M8 | 800/12 | - | |
| JALGCR20 | 16 | 34 | 5.7 | 7.3 | M8 | 500/12 | MT16 | |
| JALGCR25 | 25 | 38.5 | 7.2 | 9 | M8 | 300/12 | MT25 | |
| JALGCR30 | 35 | 43 | 8.5 | 10.8 | M8 | 400/4 | MT15 | |
| JALGCR35 | 50 | 47 | 12.7 | 17 | M10 | - | - | |

Dimensional schematic for smaller conductor sizes (6mm² to 35mm²).

| Type | Conductor Size (mm ²) | Dimensions | | | | Stud Size | Packaging | Crimping Die |
|----------|-----------------------------------|------------|-------|--------|--------|-----------|-----------|--------------|
| | | Length | Width | Height | Radius | | | |
| JALGCR50 | 50 | 56 | 14.5 | 18.1 | M10 | 300/4 | MT50 | |
| JALGCR60 | 70 | 61 | 15.5 | 21 | M10 | 250/4 | MT70 | |
| JALGCR70 | 95 | 65.5 | 17.7 | 24.8 | M10 | 150/4 | MT95 | |

Dimensional specifications for conductor sizes 50mm² to 95mm².

| Type | Conductor Size (mm ²) | Dimensions | | | | Stud Size | Packaging | Crimping Die |
|-----------|-----------------------------------|------------|-------|--------|--------|-----------|-----------|--------------|
| | | Length | Width | Height | Radius | | | |
| JALGCR120 | 120 | 83 | 21 | 27.5 | M12 | 120/4 | MT120 | |
| JALGCR130 | 150 | 93 | 25 | 34 | M12 | 80/4 | MT130 | |
| JALGCR140 | 185 | 103 | 29 | 42.2 | M16 | 40/4 | MT140 | |
| JALGCR150 | 240 | 113 | 33 | 50 | M16 | 25/4 | MT150 | |
| JALGCR160 | 300 | 123 | 37 | 57.8 | M16 | 15/4 | MT160 | |
| JALGCR180 | 400 | 133 | 41 | 65.5 | M16 | 10/4 | MT180 | |
| JALGCR190 | 500 | 143 | 45 | 73.2 | M16 | 5/4 | MT190 | |

Dimensional specifications for conductor sizes 120mm² to 185mm².

| Type | Conductor Size (mm ²) | Dimensions | | | | Stud Size | Packaging | Crimping Die |
|-----------|-----------------------------------|------------|-------|--------|--------|-----------|-----------|--------------|
| | | Length | Width | Height | Radius | | | |
| JALGCR240 | 240 | 153 | 49 | 83.2 | M16 | 5/4 | MT240 | |
| JALGCR260 | 300 | 163 | 53 | 91 | M16 | 3/4 | MT260 | |
| JALGCR280 | 400 | 173 | 57 | 98.8 | M16 | 2/4 | MT280 | |
| JALGCR300 | 500 | 183 | 61 | 106.5 | M16 | 1/4 | MT300 | |

Dimensional specifications for heavy-duty conductor sizes 240mm² to 500mm².

Crimping Die Series

- MT16
- MT25
- MT35
- MT50
- MT70
- MT95
- MT120
- MT150
- MT185
- MT240
- MT300
- MT400
- MT500

Conductor Size Range

6mm² - 500mm²

Stud Size Compatibility

M5, M6, M8, M10, M12, M14, M16, M20