

LV-ABC Aluminum Insulation Connector

These pre-insulated connectors are designed for LV-ABC systems using a neutral messenger. They are used on the phase conductor.



ADDITIONAL IMAGES



Overview

MJPT Pre-Insulated Aluminum Connector

The MJPT series pre-insulated connectors are specialized components designed for Low Voltage Aerial Bundled Cable (LV-ABC) systems with a neutral messenger. Engineered for reliability, these connectors feature a high-purity aluminum construction (Al e 99.5%) and a weather-resistant, anti-UV insulating sheath. Pre-filled with silicone grease and equipped with elastomeric caps, they provide superior waterproof performance for long-term outdoor and underground service.

Technical Specifications

Compliance Standards

EN 50483-4 • NF C 33-021

Key Electrical Metrics

6 kV

Dielectric Voltage Test

1 min

Test Duration

Installation Features

- Clear markings for crimping die size
- Defined crimping sequence and frequency
- Conductor cross-section identification
- Indicated stripping length
- Color-coded elastomeric caps

Material Composition

Aluminum (Al e 99.5%), Weather-resistant Polymer, Anti-UV Sheath, Silicone Grease

Performance Data

Type	Conductor Size(mm ²)	Dimensions(mm)				Color Code	Pack (pcs)	Crimping Die
		L	d	D	d1			
MJPT16/16D	16	98.5	5.3	20	5.3	blue	60x4	E173
MJPT25/25	25	98.5	6.5	20	6.5	orange	60x4	E173
MJPT35/25	35/25	98.5	6.5	20	7.9	red/orange	60x4	E173
MJPT35/35	35	98.5	7.9	20	7.9	red	60x4	E173
MJPT50/25	50/25	98.5	6.5	20	8.8	yellow/orange	60x4	E173
MJPT50/35	50/35	98.5	7.9	20	8.8	yellow/red	60x4	E173
MJPT50/50	50	98.5	8.8	20	8.8	yellow	60x4	E173
MJPT70/35	70/35	98.5	7.9	20	10.4	white/red	60x4	E173
MJPT70/50	70/50	98.5	8.8	20	10.4	white/yellow	60x4	E173
MJPT70/70	70	98.5	10.4	20	10.4	white	60x4	E173
MJPT95/35	95/35	98.5	7.9	20	12.2	grey/red	60x4	E173
MJPT95/50	95/50	98.5	8.8	20	12.2	grey/yellow	60x4	E173
MJPT95/70	95/70	98.5	10.4	20	12.2	grey/white	60x4	E173

Detailed technical dimensions and crimping requirements for various MJPT connector models.

MJPT95/95	95	98.5	12.2	20	12.2	grey	60x4	E173
MJPT120/120	120	136.5	14.3	25	14.3	pink	30x4	E215
MJPT150/70	150/70	136.5	10.4	25	15.5	violet/white	30x4	E215
MJPT150/95	150/95	136.5	12.2	25	15.5	violet/grey	30x4	E215
MJPT150/150	150	136.5	15.5	25	15.5	violet	30x4	E215

Configuration chart for larger conductor sizes including identification codes and contact areas.

Connector Specifications Table

Model Type	Conductor (mm ²)	Crimping Die	Color Code
MJPT16/16D	16	E173	Blue
MJPT35/25	35/25	E173	Red/Orange
MJPT50/50	50	E173	Yellow
MJPT70/70	70	E173	White
MJPT95/95	95	E173	Grey
MJPT150/150	150	E215	Violet