

# Pre-Insulated Equipment Connector for Copper and Aluminum Cables

This pre-insulated equipment connector is designed for connecting overhead lines with transformers or equipment. It features shear head bolts for easy installation, stable performance, and secure transition between copper and aluminum cables.



## ADDITIONAL IMAGES



## Product Overview

### Professional Equipment Connectors

The SBJ series pre-insulated equipment connectors provide a high-performance solution for power distribution up to 10kV. Featuring an integrated design, these connectors allow for reliable transition connections between copper and aluminum cables without the need for traditional cable lugs. The use of shear head bolts ensures stable, easy installation, while internal jointing compound enhances electrical conductivity for long-term service.

## Technical Specifications

Type	Conductor Size (mm <sup>2</sup> )	Strip Length (mm)	Conducting Rod Size	Wrench Size	Pack (pcs)
SBJ-11D-M12	50-95	35	M12	17	4*4
SBJ-11D-M14	50-95	35	M14	17	4*4
SBJ-11D-M16	50-95	35	M16	17	4*4
SBJ-12D-M12	95-150	35	M12	17	4*4
SBJ-12D-M14	95-150	35	M14	17	4*4
SBJ-12D-M16	95-150	35	M16	17	4*4
SBJ-21D-M16	150-240	67	M16	19	4*4

SBJ-21D-M18	150-240	67	M18	19	4*4
SBJ-21D-M20	150-240	67	M20	19	4*4
SBJ-31D-M16	300-400	104	M16	22	4*2
SBJ-31D-M18	300-400	104	M18	22	4*2
SBJ-31D-M20	300-400	104	M20	22	4*2
SBJ-31D-M22	300-400	104	M22	22	4*2
SBJ-31D-M24	300-400	104	M24	22	4*2

Type	Conductor Size (mm <sup>2</sup> )	Strip Length (mm)	Conducting Rod Size	Wrench Size	Pack (pcs)
SBJ-12B-M12	50-95	35	M12	17	3*4
SBJ-12B-M14	50-95	35	M14	17	3*4
SBJ-12B-M16	50-95	35	M16	17	3*4
SBJ-21B-M16	95-150	67	M16	19	3*4
SBJ-21B-M18	95-150	67	M18	19	3*4
SBJ-21B-M20	95-150	67	M20	19	3*4

### Configuration Matrix

Model	Range (mm <sup>2</sup> )	Rod Size
SBJ-11D-M12	50-95	M12
SBJ-12D-M16	95-150	M16
SBJ-21D-M18	150-240	M18
SBJ-31D-M24	300-400	M24

<b>Compliance Standard</b>	DL/T 346-2010
<b>Material Composition</b>	High mechanical strength aluminum alloy
<b>Conductor Compatibility</b>	Copper, Aluminum, Overhead lines, Transformer equipment

### Performance Features

#### Core Advantages

- No cable lugs required
- Shear head bolts for consistent torque
- Fully isolated conducting parts
- Prefilled with jointing compound
- Color-coded sealing covers for phase identification