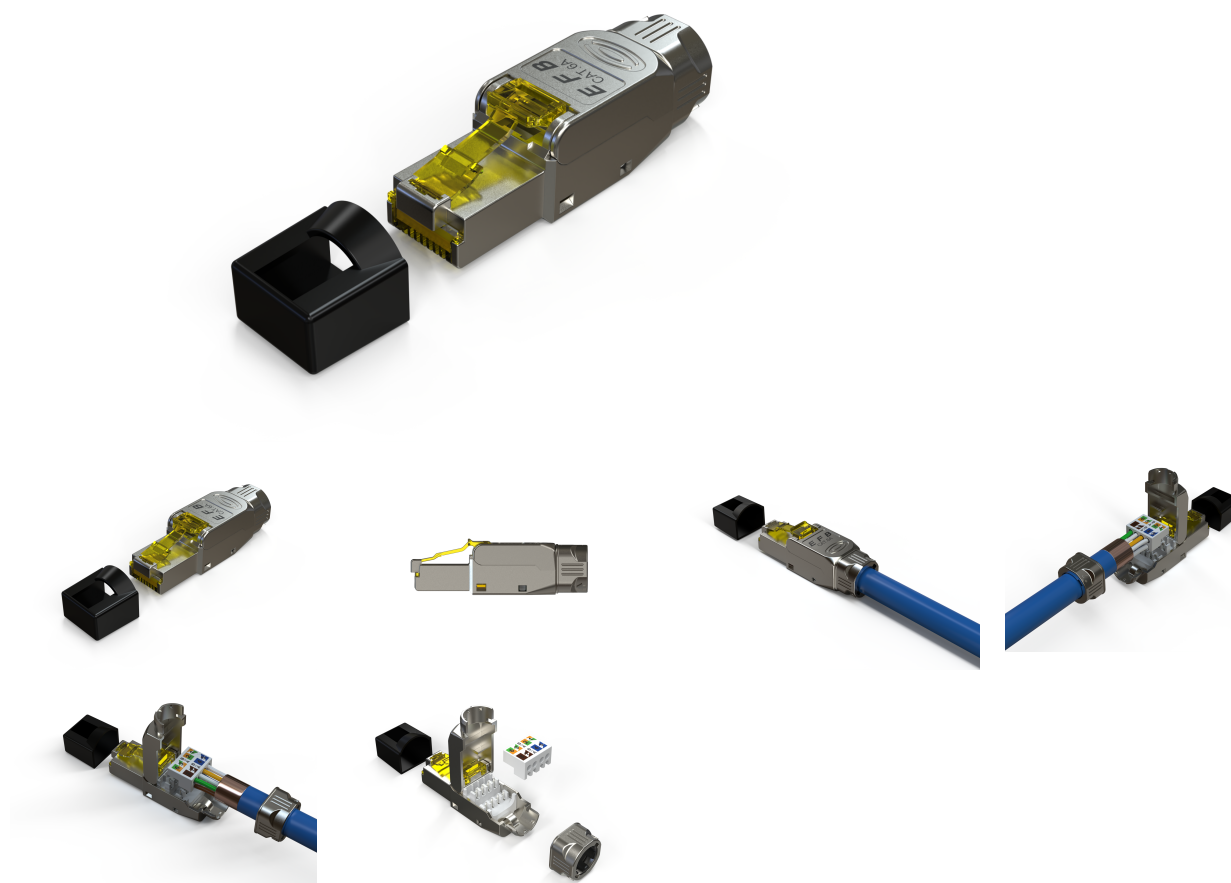


# DATASHEET

## RJ45 Connector STP, Cat.6A, field-terminable, bayonet



### General data

#### Assemble professional network connections quickly and securely

EFB's field-terminable Cat.6A RJ45 connector enables simple and reliable termination of shielded Cat.6A, Cat.7, and Cat.7A installation cables directly on-site. Thanks to the integrated cable pre-sorter with printed TIA/EIA 568 A/B color codes, wiring is quick and error-free. The robust bayonet screw connection ensures secure cable fastening and reliable strain relief. The included dust cap protects the contacts from dirt and damage during storage and operation.

#### Your benefits at a glance

**Cat.6A performance** – supports data transfers up to 10 Gigabit Ethernet

**Quick and easy installation** – Color-coded cable pre-sorter simplifies installation

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## RJ45 Connector STP, Cat.6A, field-terminable, bayonet

**Secure strain relief** – Stable cable fastening via bayonet screw connection

### Product highlights

Field-terminable RJ45 connector for shielded Cat.6A, Cat.7, and Cat.7A installation cables  
 Suitable for conductor cross-sections from **AWG22/1 to AWG24/1**  
 Cable pre-sorter for easy and clean installation  
 Pair management according to **TIA/EIA 568 A/ B**  
 Color codes printed directly on the cable pre-sorter  
 Supports **PoE up to 4PPoE according to IEEE 802.3bt**  
 Rugged bayonet screw connection for secure cable attachment and strain relief  
 Includes a dust cap to protect the contacts

### Package Contents

1 × Cat.6A RJ45 connector

| Technical properties              |                                   |
|-----------------------------------|-----------------------------------|
| 360° shield contact               | True                              |
| AWG-range                         | 24 - 22                           |
| AWG-range for litz wire conductor | 26 - 22                           |
| Cable diameter                    | 8.5 mm                            |
| Casing material                   | PC                                |
| Category                          | 6A (IEC)                          |
| Complaint to UL94                 | V-0                               |
| Connection type                   | Insulation displacement connector |
| Contact Resistance                | < 20 mΩ                           |
| Current capacity                  | 1.5 A                             |
| Dielectric Withstanding Voltage   | 1000                              |
| Dust cover                        | True                              |
| Insertion force                   | ≤ 30 N                            |
| Insulation Resistance             | 500 MΩ                            |
| Mating cycles                     | ≥ 750                             |
| Model                             | plug                              |
| Operating Temperature             | -10 - 60 °C                       |
| Special tool necessary            | False                             |
| Suitable for flat cable           | False                             |

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## RJ45 Connector STP, Cat.6A, field-terminable, bayonet

|                                  |            |
|----------------------------------|------------|
| Suitable for litz wire conductor | True       |
| Suitable for round cable         | True       |
| Suitable for solid core          | True       |
| Type of connector                | RJ45 8(8)  |
| Type of locking                  | Screw lock |
| screened                         | True       |

### Available variants

| ArtNr.  | Bezeichnung                                           | Colour |
|---------|-------------------------------------------------------|--------|
| 89061.1 | RJ45 Connector STP, Cat.6A, field-terminable, bayonet | silver |

### Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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