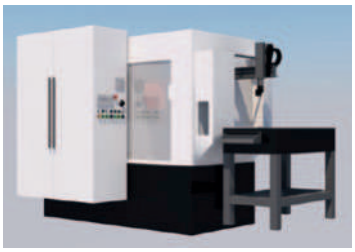
Introducing Industrial RJ45/ Fiber Optic Push Pull Variant 14 metal shell connector



The new Industrial RJ45/Fiber Optics LC-Type push pull variant 14 metal shell connector is equipped with a robust termination technology that allows a timesaving and flexible field installation without any special tool. With its metal shell, this RJ45/fiber optic connector is able to withstand harshest environments, such as shock, vibration or temperature, and offers good chemical, oil or spark resistance. Supporting IEC 61076-3-117, it is specifically suited for automotive production. Due to its high grade IP rating and durability, the metal shell version provides a reliable and safe connection and reduces maintenance cost. The comfortable push pull mechanism ensures a secure, sealed interconnection in which all common cable diameters can be terminated.

Applications





- Automotive production
- Welding machines
- Motors/Motor controls
- Machinery
- Robotics

Benefits

- Reliability and cost savings with durable and long lifetime connector
- High grade IP shielding and temperature resistance make it suitable for harsh and outdoor environments
- Supports fiber optics or RJ45
- Quick and easy connect and disconnect
- Also available as plastic version

Features

- IEC Standardized Interface
- Wide range pinch ring seal covers 4.8 - 8.0 mm cable outside diameter (8.2 mm for the RJ Cat6A)
- Flexible solution for all industrial/customized connector interfaces by using a provided adapter
- Pre-assembled connector housings
- Equipped with RJ45 4/8 position or Fiber Optic LC Type

Materials

- Housing: Zinc die casting, Nickel plated
- Thermoplastic: UL94 V0

Standards/Specifications

- Product Specifications: 108-94207-1
- Compliant to IEC 61076-3-117
- Instruction Sheets:

- RJ45: 411-18564, 411-18566, 411-18567
- Fiber Optic: 411-18565, 411-18568

Product dimensions

- Plug connector: L: 65 mm W: 23 mm H: 29 mm
- Jack Frame: L: 26 mm W: 38 mm H: 52 mm

Electrical

- RJ45 CAT5e: 4 position, RJ45 Cat6A: 8 position
- Fibre Optic LC Type Single/Multi mode

Mechanical

- Operating Temperature: -40 to +70 °C
- Degree of Protection IP65/IP67
- Supports 750 mating cycles minimum

Product Offering

Description	Part Nr.
Metal Plug with RJ45 CAT6A; 8 pos.	1-2120864-1
Metal Plug with RJ45 CAT5e; 8 pos.	2120864-1
Metal Plug with RJ45 CAT5e; 4 pos.	4-2120864-1
Metal Jack with RJ45 CAT6A; 180°	1-2120871-1
Metal Jack with RJ45 CAT6; 180°	5-2120871-1
Metal Jack with RJ45 CAT6; Side Exit 90°	4-2120871-1
Metal Jack with RJ45 CAT5e; Pass Through; 8 pos.	2120871-1
Metal Plug with Fiber Optic Single Mode; LC Type	2-2120864-1
Metal Plug with Fiber Optic Multi Mode; LC Type	3-2120864-1
Metal Jack with Fiber Optic Single Mode; LC Type	2-2120871-1
Metal Jack with Fiber Optic Multi Mode; LC Type	3-2120871-1
Metal Coupler Plug RJ45 CAT6A; 8pos. and Jack; CAT6A; 180°	1-2120875-1
Metal Coupler Plug RJ45 CAT5e; 8pos. and Jack; CAT6; 180°	7-2120875-1
Metal Coupler Plug RJ45 CAT5e; 4pos. and Jack; CAT6; 180°	8-2120875-1
Metal Coupler Plug RJ45 CAT5e; 8pos. and Jack; CAT6; Side Exit 90°	5-2120875-1
Metal Coupler Plug RJ45 CAT5e; 4pos. and Jack; CAT6; Side Exit 90°	6-2120875-1
Metal Coupler Plug RJ45 CAT5e; 8pos. and Jack; CAT5e; Pass Through; 8 pos.	2120875-1
Metal Coupler Plug RJ45 CAT5e; 4pos. and Jack; CAT5e; Pass Through; 8 pos.	4-2120875-1
Metal Coupler Plug and Jack with Fiber Optic Single Mode; LC Type	2-2120875-1
Metal Coupler Plug and Jack with Fiber Optic Multi Mode; LC Type	3-2120875-1

all RJ 45 Plugs and Jacks are shielded

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Push Pull Variant 14 plastic shell connector



Features
- IEC Standardized Interface
- Flexible solution for all industrial/customized connector interfaces by using a provided adapter
- Pre-assembled connector housings

Materials
- Housing: UL listed
- UV: Resistant Housing Material
- Frame Kit: UL 94 V0

Standards/Specifications
- Compliant to IEC 61076-3-117
- Product Specifications: 108-94207-1

Applications
- Factory Automation Industry
- Sealed automation units
- Decentralized applications
- Cabinet-outlets
- Manufacturing cells and lines for the automotive industry
- Solar and wind parks
- Train Communication, Data Network



Benefits
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- High grade IP shielding and temperature resistance make it suitable for harsh and outdoor environments
- Quick and easy connect and disconnect
- Also available as metal version

Product dimensions
- Plug connector: L: 65 mm W: 23 mm H: 29 mm
- Jack Frame: L: 26 mm W: 38 mm H: 52 mm

Electrical
- RJ45 CAT 5e 4/8 position
- Meets TIA/EIA 568 Category 5e requirements
- UL registered

Mechanical
- Temperature Range: -40C to +70C
- Degree of Protection: IP65/67
- Supports 750 mating cycles minimum

Product Offering

Description	Part Nr.
Plastic 4 position plug kit Cat 5e	1987004-1
Plastic 8 position plug kit Cat 5e	1987004-2
Plastic Frame kit for guiding and sealing	1987307-1
Plastic Frame kit with AMP-TWIST 6S SL jack	1987673-1
Plastic Frame kit with SL-Series 110 connect jack	1987674-1
Application Tools	**Part Nr.**
Ethernet-Cable Stripper	1981944-1
Torque wrench 1.2 - 3.0 Nm	2161345-1
Slotted wrench size 13 mm	523229-1

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