



PRODUCT_IMAGE

DESCRIPTION

Standard version, suitable for standard applications.

Slim version, suitable for high density applications.

Intuitive, fast and robust - New generation of field mountable RJ45 plug connector, with unlatching catch protection lever and robust die cast housing, shielded and unshielded, Cat.6A 8-pole, IDC termination technology, suitable for solid or stranded wires, 2 to 8-wire conductors of diameter AWG 22 to AWG 26 (AWG 22/7 - 26/7), die cast housing IP20, for cable diameters of 5 to 9 mm, printed color coding acc. TIA 568A/B. Each set packed in environmentally friendly paper bag with installation guide printed directly onto the paper bag.

PoE optimized R&M PowerSafe seal granted.

SCOPE OF SUPPLY

- Field mountable RJ45 plug
- Wiring element and nut with clamping ring 6-9 mm
- Strain-relieve clamping ring for cable diameter 5-8 mm

TENDER

Intuitive, fast and robust - New generation of field mountable RJ45 plug connector, with unlatching catch protection lever and robust die cast housing, shielded and unshielded, slim version, suitable for high density applications, Cat.6A 8-pole, IDC termination technology, suitable for solid or stranded wires, 2 to 8-wire conductors of diameter AWG 22 to AWG 26 (AWG 22/7 - 26/7), die cast housing IP20, for cable diameters of 5 to 9 mm, printed color coding acc. TIA 568A/B. Each set packed in environmentally friendly paper bag with installation guide printed directly onto the paper bag.

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FEATURES

- Field mountable RJ45 plug
- Environmentally friendly paper bag packaging
- Robust die cast housing
- Product information printed directly onto paper bag
- Intuitive and fast termination of unshielded cable (UTP)
- Intuitive and fast termination of shielded cable (STP)
- Installation guide accessible via QR code printed onto paper bag
- Unique QR Code sticker for individual quality traceability
- Approved for solid and stranded wire AWG 22 to AWG 26
- Unlatching lever / latch protection

TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Wire type	Wire or stranded wire
Conductor Construction	AWG 22 - 26
Wire diameter	Wire: 0.4 - 0.61mm Stranded wire: 0.12mm ² - 0.32mm ²
Approved wire diameter with insulation	1.6 mm
Number of wires	8

Cable overall diameter	5.0 - 9.0 mm
Protection class IP	IP 20
PoE	Yes
PoE Level	4
Pollution Degree	2 according to IEC 61010-1
Dust Protection	No
Wiring diagram	EIA/TIA 568A/B
Colour Coding	No
Contact material	Bronze (CuSn6)
Contact Surface	>1.2µm gold over 1.2µm nickel
Re-termination	≥4 according IEC 60352-4Re-terminations may be performed with wire of either larger or equal size than originally terminated.
Approved wire diameter with insulation	1.6 mm / 0.063 in

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Dimensions	14 mm x 16.8 mm x 61.2 mm / 0.551 in x 0.661 in x 2.409 in (W x H x D)
Color	silver / grey
Connection Type	IDC according IEC 60352-4*, tin-plated, approx. 5µm*Re-terminations may be performed with wire of either larger or equal size than originally terminated.
Mating Cycles	> 750

ELECTRICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Nominal Current	1.55 A @ 20°C
Input-Output Resistance	< 100 mΩ
Insulation Resistance	> 1 GΩ (100V)
Contact Resistance	< 20 mΩ
Dielectric Strength	Contact - contact >1000VDCShield - contact >1500VDC, 1min.
Standard	IEC 60603-7-41/51

ENVIRONMENTAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Operation temperature	-20 °C to +70 °C / -4 °F to +158 °F