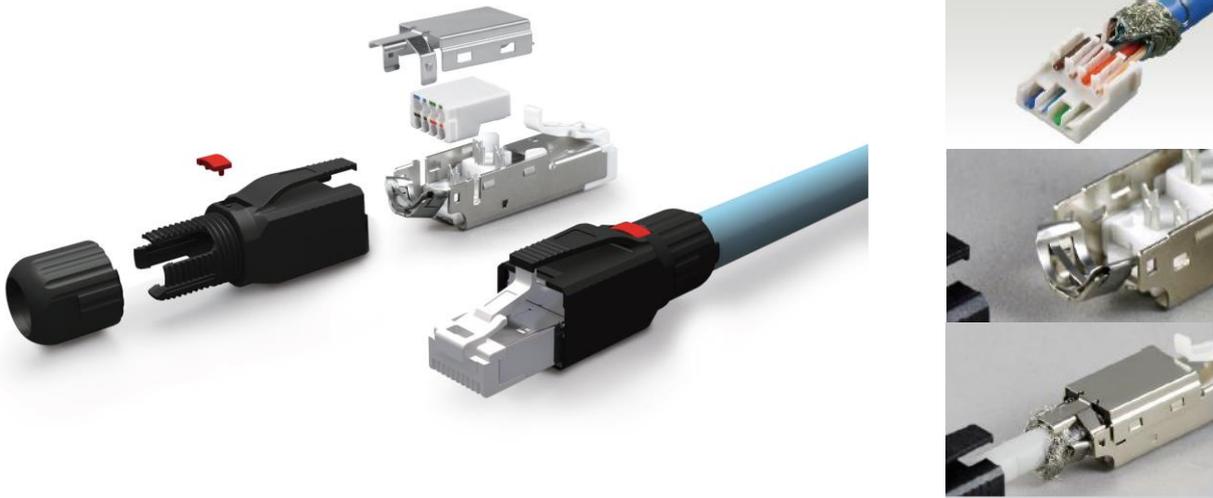


Field Connector RJ45, Cat.6A, screened



FEATURES:

- Qualified Cat.6A performance according to: ISO 11801, EN 50173, ANSI/TIA 568.2-D
- Screened
- The highest quality guaranteeing large margins of transmission parameters over the requirements of the standards
- The best performance in conjunction with FibrainDATA connection modules
- Component complies to IEC 60603-7-51
- Efficient signal compensation inside a module
- Module construction equipped with an element for attaching the inserted cable without the use of cable ties
- IDC termination technology
- Pins covered with layer of gold
- Wire manager guaranty a minimal untwist of wire pairs
- Metal housing ensuring EMC 360° protection
- Color coding enabled
- Identification according 568B

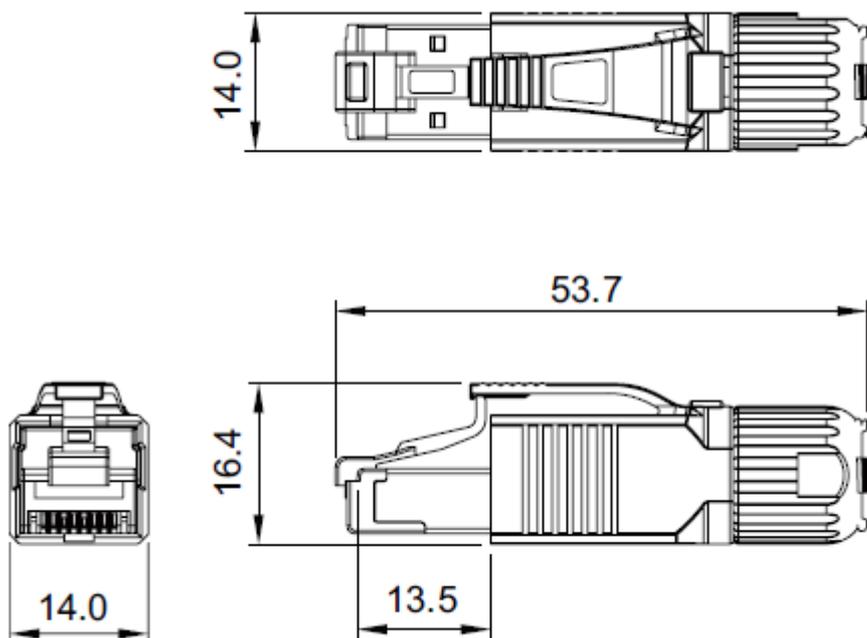
TECHNICAL PARAMETERS

Standardization	ISO 11801-x, EN 50173-x, TIA 568.2-D, IEC 60603-7-2
PoE	IEEE 802at type I & II, IEC 60512-99-001 (2012-08), IEC 60512-9-3 (2011-06)
Temperature range	-40 °C ÷ 68 °C
Transmission performance	Cat.6A
Shielding	Yes
Housing material	Metal
Max. Current rating [A]	1,5
Min. isolation resistance [MΩ]	500
Max DC resistance [Ω]	20
Material of pin contacts	CuSN
Pin contacts plating	Min 50 μm of gold layer, min 80 μm of nickel layer
Conductor diameter range (wire)	AWG 23 ÷ AWG 26
Conductor diameter range (stranded wires)	AWG 23/7 ÷ AWG 26/7
Cable diameter range	6,0 ÷ 8,5 mm
Mating cycles standard/typical	1000
Number of re-terminations	5

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Type:	Field Connector	MSO
Ref:	XR300	REV: 1
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DIMENSIONS:



ORDERING:

XR300 FibrainDATA Field connector, RJ45/s, kat.6A