

## Connection module HD RJ45, kat.6, unscreened



### FEATURES:

- Cat.6 performance according to: ISO 11801, EN 50173, ANSI/TIA 568.2-D
- Unscreened
- Port density up to 48 ports per 1U
- The highest quality guaranteeing large margins of transmission parameters over the requirements of the standards
- The best performance in conjunction with FibrainDATA connection cables
- Component complies to IEC 60603-7-4
- Efficient signal compensation inside a module
- Tool or toolless termination
- 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
- Module construction guaranty a minimal untwist of wire pairs
- Plastic housing
- Automatic dust cover made of different colors for color coding
- Identification according to 568A and 568B

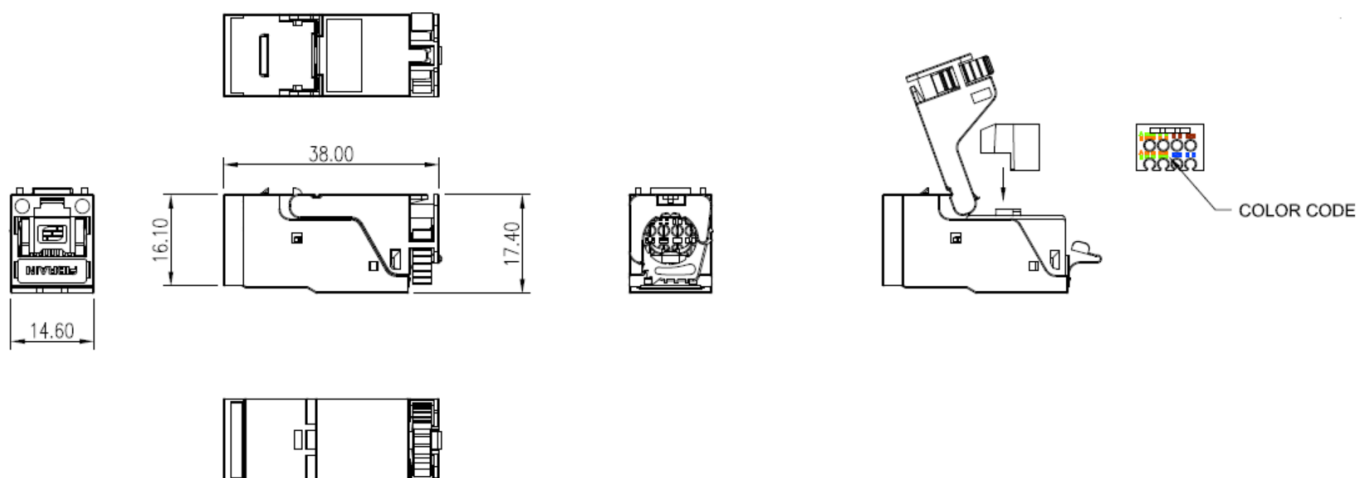
### TECHNICAL PARAMETERS

<b>Standardization</b>	ISO 11801-x, EN 50173-x, TIA 568.2-D, IEC 60603-7-4
<b>PoE</b>	IEEE 802.3af/802at and 802bt type 3 and type 4 (up to 100W)
<b>Operation temperature range</b>	-10 °C ÷ 60 °C
<b>Storage temperature range</b>	-40 °C ÷ 70 °C
<b>Transmission performance</b>	Cat.6
<b>Shielding</b>	No
<b>Housing material</b>	Plastic
<b>Max. Current rating [A]</b>	1,5
<b>Min. isolation resistance [MΩ]</b>	500
<b>Max DC resistance [Ω]</b>	20
<b>Material of pin contacts</b>	CuSN
<b>Pin contacts plating</b>	Min 50 μm of gold layer, min 80 μm of nickel layer
<b>Conductor diameter range (wire)</b>	AWG 22 ÷ AWG 26
<b>Conductor diameter range ( stranded wires)</b>	AWG 22/7 ÷ AWG 26/7
<b>Cable diameter range</b>	5,0 ÷ 8,5 mm
<b>Mating cycles standard/typical</b>	750/1000
<b>Min number of re-terminations</b>	20
<b>Fixation</b>	Without keystone adapter

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Typ:	Connection module	MSO
		REV: 2
Ref:	XQ100	F

**DIMENSIONS:**



**ORDERING:**

XQ100 FibrainDATA connection module, RJ45/u, kat.6, red dust cover, without adapters