

Connection module HD RJ45, kat.6, unshielded,



FEATURES:

- Cat.6 performance according to: ISO 11801, EN 50173, ANSI/TIA 568.2-D
- Unshielded
- 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
- 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
- Die cast housing guaranties 360° EMC protection
- Automatic dust cover made of different colors for color coding
- Identification according to 568A and 568B

TECHNICAL PARAMETERS

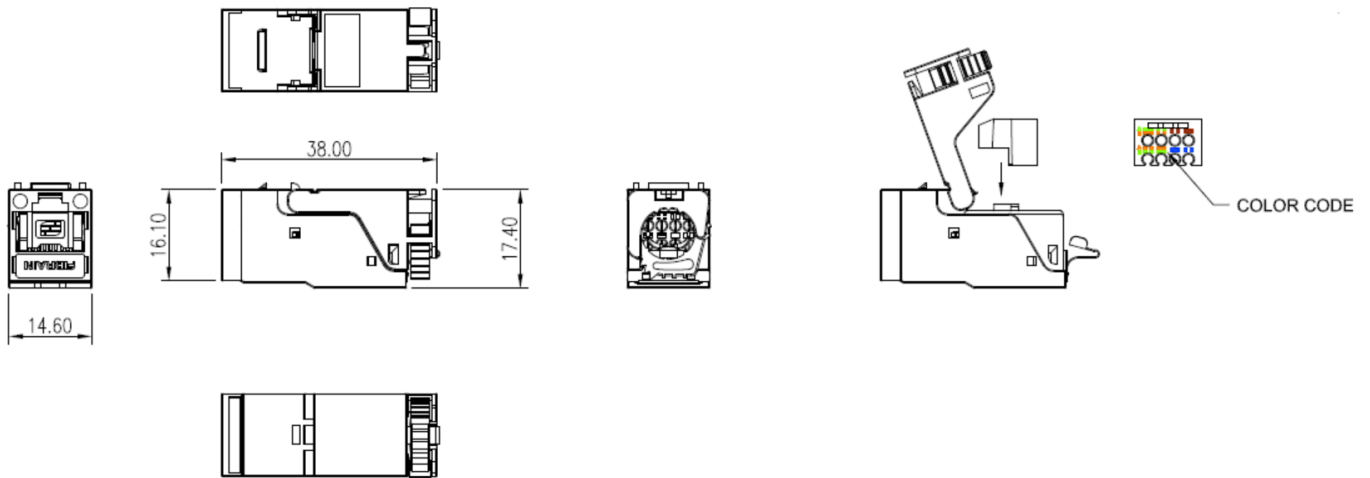
Standardization	ISO 11801-x, EN 50173-x, TIA 568.2-D, IEC 60603-7-41
Operation temperature range	-10 °C ÷ 60 °C
Storage temperature range	-40 °C ÷ 70 °C
Transmission performance	Cat.6
Shielding	No
Housing material	Plastic
Max. Current rating [A]	1,5
Min. isolation resistance [MΩ]	500
Max DC resistance [Ω]	20
Material of IDC connector	CuSN
IDC plating	Min 6 μm of gold layer, min 80 μm of nickel layer
Conductor diameter range (wire)	AWG 22 ÷ AWG 26
Conductor diameter range (stranded wires)	AWG 22/7 ÷ AWG 26/7
Cable diameter range	5,0 ÷ 8,5 mm
Mating cycles standard/typical	750/1000
Min number of re-terminations	20
Fixation	Without keystone adapter

Important notice

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.

Typ:	Connection module	MSO
		REV: 0
Ref:	XQ100	F

DIMENSIONS:



ORDERING:

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

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