

Connection module HD RJ45, kat.5, unshielded



FEATURES:

- Cat.5 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 60603-7-2
- 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

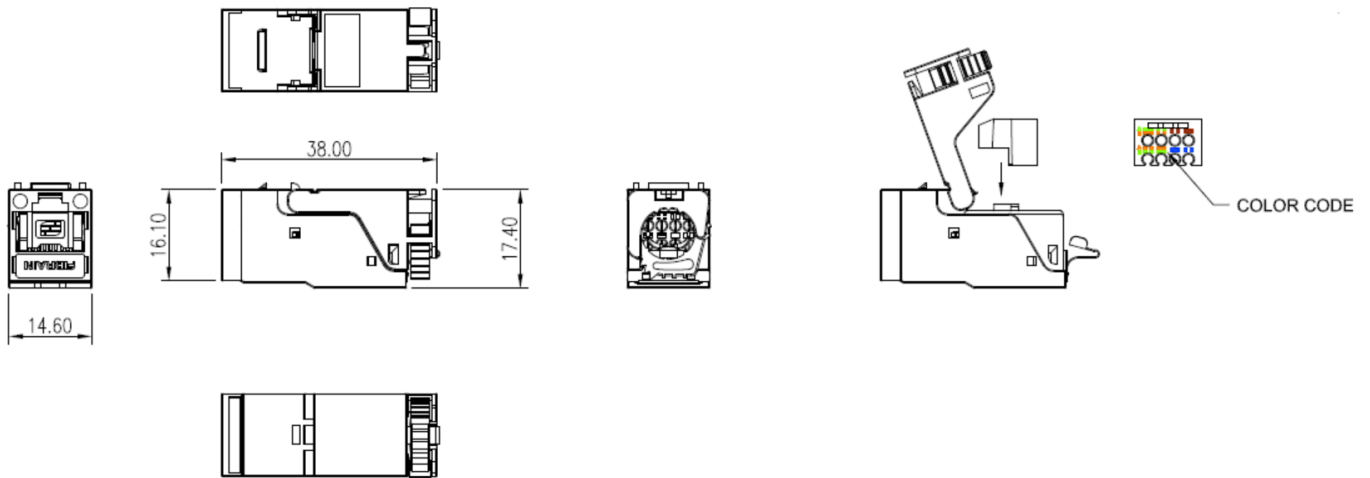
| | |
|---------------------------------------------------|------------------------------------------------------|
| Standardization | ISO 11801-x, EN 50173-x, TIA 568.2-D, IEC 60603-7-41 |
| Operation temperature range | -10 °C ÷ 60 °C |
| Storage temperature range | -40 °C ÷ 70 °C |
| Transmission performance | Cat.5 |
| 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 adapters |

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: | XE100 | F |

DIMENSIONS:



ORDERING:

XE100 FibrainDATA connection module, RJ45/u, kat.5, green dust cover, without adapters

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. 2