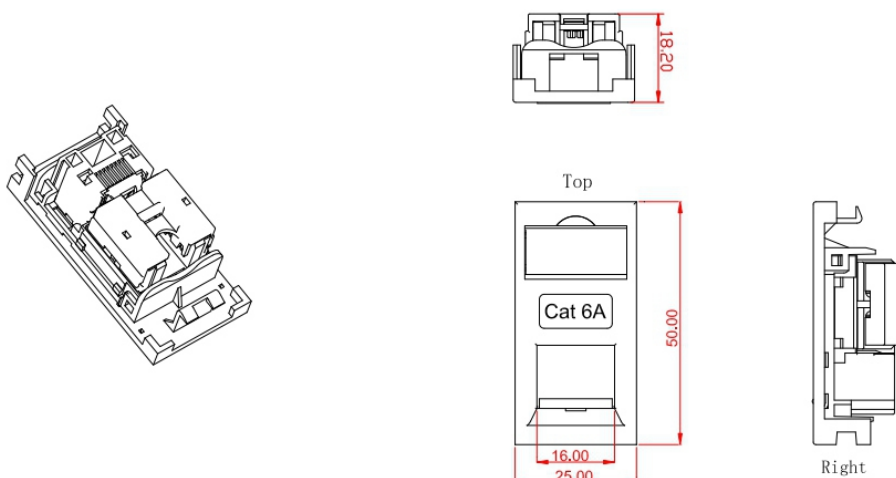# CATEGORY 6A EURO MODULE

NORDEN®

Category 6A Euro Module, engineered for top-tier performance and reliability in both residential and commercial settings. This module ensures ultra-fast and efficient data transmission, meeting and exceeding ANSI/TIA-568-C.2 standards for maximum compatibility and performance. Its versatile design fits standard Euro module faceplates, making it ideal for new installations or seamless upgrades. Built from robust materials for long-lasting durability, it features IDC termination for hassle-free setup and is designed to minimize crosstalk and interference, ensuring stable and clear signals. Perfect for high-bandwidth applications, our Category 6A Euro Module provides the advanced performance needed for the most demanding network environments.

RoHS

COMPLIANCE

IEEE 802.af, IEEE 802.3at for PoE applications.
ANSI/TIA-568-C.2 and ISO/IEC-11801 (2nd Edition)
ANSI/TIA/EIA-568 B.2-1
EN50173 Category 6A standards
Confirms to FCC Part 68, Subpart F

Drawing

DESIGN & MATERIALS

Connector Type	Dual IDC
Screen	Unshielded
Depth	18.20 mm
Height	50 mm
Width	25 mm
No Of Ports	1
Wire Gauge	22-26 AWG
Housing Material	PC
Contact Material	Phosphor bronze stamp pin
Contact Material Thickness	0.35 mm
IDC	Phosphor bronze with Tin Plating (0.50 mm)

CATEGORY 6A EURO MODULE

ELECTRICAL DATA

Current Rating	1.5 Amp
Contact Resistance	Max. 20 mΩ
Voltage Rating	125 VAC RMS
Dielectric Strength	750 VAC RMS 60 Hz,1MIN
Insulation Resistance	1000 MΩ @ 500 VDC
DC Resistance	13.46 Ohms

MECHANICAL & TRANSMISSION DATA

Insertion Force	50 N
Operating Temperature Range	-10°C to +60°C
Storage Temperature Range	-40°C to +70°C
RJ45 Jack Life	Min. 750 times
IDC Life	Min. 200 times

ORDERING INFORMATION

Part Number	Description
123-41X	Category 6A Euro Module

X: BK(Black), BL(Blue), GN(Green), GY(Gray), RD(Red), WH(White), YL(Yellow)

PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
123-41X	1000 x 1	Carton	12	13	550 x 220 x 270