RJ45 Shielded Modular Male Plug (8-Pin), Cat6A- FCMP6AS

DESCRIPTION

FABNET Cat 6A RJ45 (8P8C) modular plugs offer a simple and precise way for you to terminate the Ethernet cable. Cat 6A RJ 45 Modular Jacks well exceed the performance requirements of Cat 6A and are suitable for stranded as well as solid cable terminations. These modular plugs are manufactured from high-impact clear polycarbonate to withstand everyday wear and tear, and the contacts are 50-micron gold for optimum signal transmission. In addition, a two-piece design with loading bar makes it easier to install.

APPLICATIONS

- 10/100/1000/1G/10G BASE-T (IEEE 802.3).
- Supports PoE++ (802.3bt) 4PPoE, up to 100W
- Horizontal Distribution for direct plugging to devices like CCTV, Wifi, Ceiling mount IP devices.
- ANSI/TIA 568 2.D Certified with F/UTP Ethernet cable via Modular Plug Terminated Links (MPTL) tests

SPECIFICATIONS & FEATURES

- Meet Wiring Scheme T568A/T568B.
- ISO/IEC 11801 Class D; ANSI/TIA 1096-A; IEC 60603-7
- Modular Plug With 8P8C
- 23 to 26 AWG solid and stranded cables.
- UL Listed, ETL Verified, ANSI/TIA 568 2.D Certified
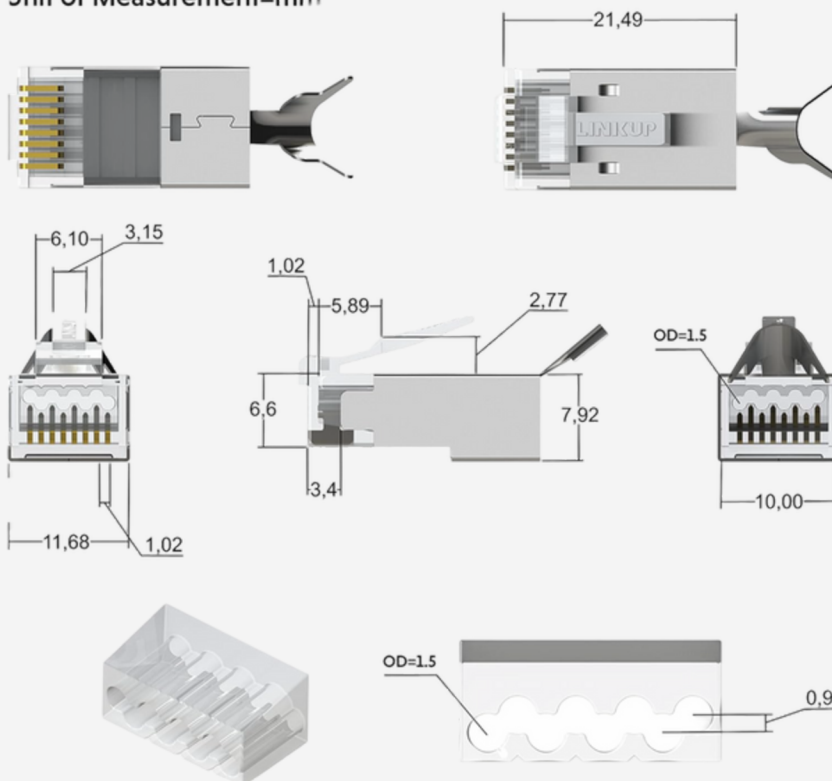- PoE & PoH Compatible

PHYSICAL & ENVIRONMENTAL PROPERTIES

Compatible Gauge solid	23 to 26 AWG	Category	Category 6A Shielded
Termination Contact Plating	Gold	Colour	Clear
Conductor Insulation Diameter	⌀0.95 - 1.15mm	Plug Housing & Load Bar Material	Nickel plated hard brass
Contact Material Type	Phosphor Bronze	Cable outer diameter	Up to ⌀7.30mm
Storage Temperature	- 40°C To 70°C	Operating Temperature	-10 to +70C

ELECTRICAL & MECHANICAL PROPERTIES

Plug insertion Life	750 cycles min
Suitable Wire Sizes	23 to 26 AWG
Cable to Plug Tensile Strength	20 ft-lbs minimum
Contact Resistance	<= 20 mΩ
Current Rating	1.5A
Voltage Proof, contact-to-contact	1000Vdc, for 60s

TECHNICAL DRAWING

Unit of Measurement=mm

ORDERING INFORMATION

FCMP6AS	RJ45 Shielded Modular Male Plug (8-Pin), Cat6A