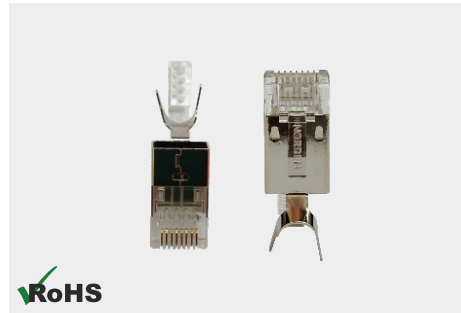


CATEGORY 6A RJ45 CONNECTOR

Category 6A Connectors exceed Category 6A long lasting high-performance and full support of all present and emerging applications, including 1000BASE-T (Gigabit-Ethernet). High quality overall shield provides excellent EMC (Electro Magnetic Compatibility), minimizing radiation and maximizing noise immunity ,ensures long term resistance to corrosion from humidity, extreme temperatures, and airborne contaminants .The range of products includes plugs suitable for round cables with stranded or solid conductors, 23 to 26 AWG and are tested up to 500 MHz over 100 m. These are mainly used for patch-cord termination.



COMPLIANCE

IEEE 802.af, IEEE 802.3at for PoE applications.
ANSI/TIA-568.2-D and ISO/IEC-11801 (2nd Edition),
EN50173-2 Category 6A Standards, IEC 60603-7-3

DESIGN & MATERIALS

Housing Material	Polycarbonate, UL 94 V-0
Contact Surface Material	Gold over Nickel
Contact Blade	Copper Alloy
Gold Plating	3u" - 50u"
Wire Gauge	23 - 26 AWG, Solid or Stranded
Colour	Transparent or Other colour available.
Connector Design Type	Cat 6a UTP : 3 Pcs Design (RJ45 Connector + Space bar + Loading Bar) Cat 6a STP : 2 Pcs Design (RJ45 Connector + Loading Bar)

MECHANICAL & ELECTRICAL SPECIFICATIONS

Insertion Cycles	1200 Cycles
Dielectric Voltage	1000 Volts AC .60 Sec
Insulation Resistance	500 MΩ
Contact Resistance	20mΩ Max
Operating Temperature	-40 °C to +70 °C @ 0-90 % RH (Non Condensing)

ORDERING INFORMATION

Part Number	Description
128-41X	Category 6A Unshielded RJ45 Connector
128-42X	Category 6A Shielded RJ45 Connector

X: CL(Clear), ST(Steel), GD(Golden)

PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
128-41X	1000 x 10 x 1	Carton Box	8.0	9.0	350 x 310 x 510
128-42X	1000 x 10 x 1	Carton Box	11.7	12.8	350 x 310 x 510