

CAT6A UTP TOOLLESS RJ45 CONNECTOR

Category 6A Toolless 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. Tested up to 500 Mhz over 100m. These are mainly used for patchcord 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

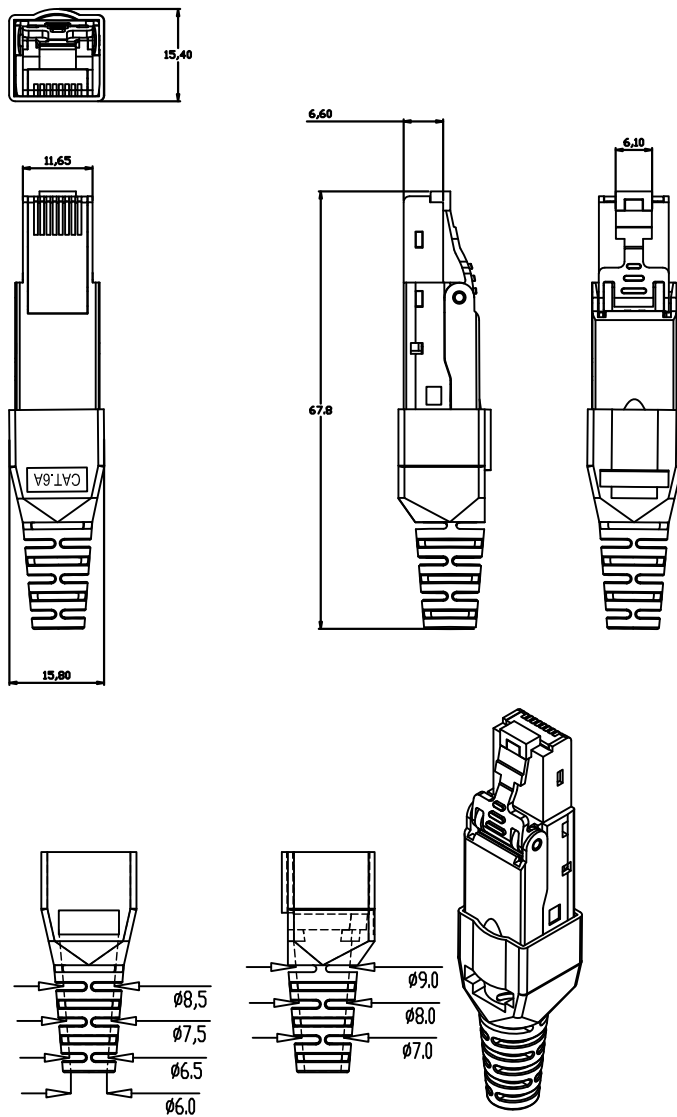
Contact Carrier Material	High impact, Flame-retardant plastic compound
Plug Contact Material	Phosphor Bronze
Contact Surface Material	Gold plated
Temperature Range	-40 °C to +60 °C
Relative Humidity	85%(30 °C)
Air Pressure	70-106Kpa
Mating Cycle	750 Cycles
Retention Strength	7.7kg between jack and plug
Wire Gauge	22-26 AWG
Supported Cable Dia	6-9mm

ELECTRICAL CHARACTERISTICS

Insulation Resistance	<1000M Ω
Contact Resistance	<20m Ω
Dielectric Strength	DC 1000V (AC700V)
Return Loss @ 500 MHz	>16.8 dB
Coupling Attenuation	45 dB
Next Loss @ 500 MHz	>52.0 dB
Attenuation @ 500 MHz	42.2dB

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DRAWING



ORDERING INFORMATION

Part Number	Description
12T-41X	Category 6A Unshielded Tool less RJ45 Connector

X: BK(Black)

PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
12T-41X	1000 x 10 x 1	Carton Box	7.0	9.0	620 x 420 x 430