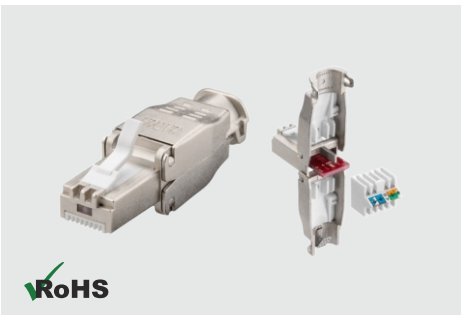


CAT6A SHIELDED TOOLLESS CONNECTOR

Category 6A Shielded 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 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

FEATURES

Tool-free RJ45 network connector
For stranded and solid inner conductor (AWG 22 to 24)
Supports transmission rates on the order of gigabits Cable
contacts marked in colour

DESIGN & MATERIALS

Contact Carrier Material	High impact, Flame-retardant plastic compound, UL 94 V-0
Plug Contact Material	Phosphor Bronze
Contact Surface Material	Gold over Nickel
Overall Shield	Corrosion resistant Die-Cast Zinc Alloy casing
Temperature Range	-40 °C to +60 °C @ 0-90 % RH (Non Condensing)

ELECTRICAL CHARACTERISTICS

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

ORDERING INFORMATION

Part Number	Description
12T-42X	Category 6A Shielded Tool less RJ45 Connector

PACKING INFORMATION

Part Number	Packing Qty.	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
12T-42X	50 x 20 x 1	Carton Box	13.0	16.0	620 x 420 x 430