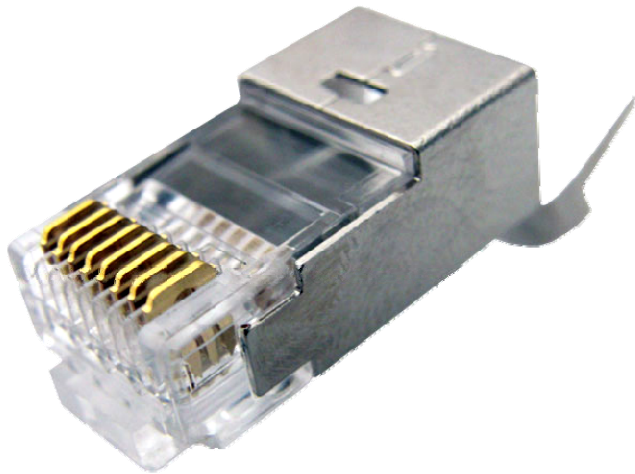


i-Net Networks 10G Category6A Shielded Plug



Electrical

Voltage:
150 volts AC maximum

Current:
Signal application only, 0.75 ampere maximum

Voltage proof:
1000v AC between contacts
1500v AC all contacts connected together with shield

Insulation resistance:
500M Ω minimum

Environment

Temperature rating:
-10°C to +60°C

Rapid temperature:
-40°C to +70°C

Cyclic damp heat:
25°C to 65°C@93% relative humidity

Compliance

Meets ANSI/EIA/TIA 568-C.2
Meets ISO/IEC 2nd edition 11801 class EA
Meets CENELEC EN 50173-1, 50288-10-1
Meets IEC 60603

Highlights

10G channel solution
Electro-polished contacts
Field installable modular plug
10G performance achieved when used with PiMF cable

Material

Housing:
UL94-V0

Contacts:
Phosphor bronze, 2.54 micron (50 μ inches) gold over 1.27 micron (100 μ inches) nickel

Shield:
Copper alloy, nickel covering

Mechanical

Durability:
750 mating cycles

Bending & pull (tensile):
22N (5 lbs)

Flex:
50 cycles (solid conductor)
250 cycles (stranded conductor)

Torsion:
10N (2.2 lbs)

Ordering

P6A-U-8P8C-S i-Net Networks Category6A Plug RJ45 8P8C Unshielded 50 Micron Gold Plated for Solid Cable

U U-Unshielded, S-Shielded

S S-for Solid Cable, R-for Stranded Cable