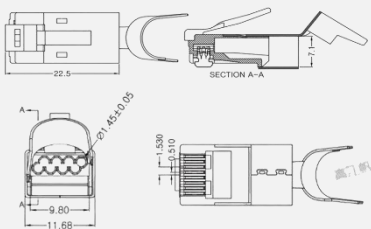


SCHNELL CAT 6A SFTP RJ45 PASS THROUGH CONNECTOR

SCHNELL CAT6 RJ45 Pass Through Connector is designed for fast and reliable terminations with minimal signal loss. Featuring a pass-through design that allows the wire pairs to be fully inserted and visually verified before crimping, it ensures optimal performance up to 250 MHz. Compatible with 23–26 AWG solid or stranded cables, it is ideal for field and patch cord applications.



DIAGRAM & CONSTRUCTION

Housing Material	: Polycarbonate, UL94V-2 flame retardant		Connector Type	: RJ45 8P8C, Pass Through
Contact Blade	: Copper Alloy		Cable Type	: Cat5e / Cat6, Solid or Stranded
Material	: 50μ" Gold over		Cable OD	: 6.0 – 6.8 mm
Plating	Nickel		Compatibility	: 0.98 – 1.05 mm

ELECTRICAL CHARACTERISTICS

Impedance	: 100 ±15 Ω
Frequency Range	: Up to 250 MHz
Contact Resistance	: ≤ 20 mΩ
Dielectric Strength	: 1000 V AC/min
Insulation Resistance	: ≥ 500 MΩ
Voltage Rating	: 150 V

MECHANICAL CHARACTERISTICS

Termination Cycles	: ≥ 1000
Insertion Cycles	: ≥ 750
Wire Gauge Support	: 23–26 AWG
Connector Design	: 2-Piece with Load Bar for Precision Wiring
Operating Temp.	: -10°C to +60°C

KEY FEATURES

- Pass-through design simplifies and speeds up termination
- Visual wire sequence verification before crimping
- Compatible with industry-standard RJ45 crimp tools
- Gold-plated contacts ensure signal integrity

KEY APPLICATIONS

- Termination of Cat5e and Cat6 patch cables
- Suitable for structured cabling systems
- Ideal for custom-length patch cords
- Field installations in data centers or telecom closets

PART NUMBER

Part Number	Description
SCZ-C6ARJPT	SCHNELL CAT 6A SFTP RJ45 PASS THROUGH CONNECTOR