



Category 6 Tool Free Screened Keystone Jack

Category 6 screened tool free keystone jack fully conforms to ISO/IEC 11801 and TIA/EIA 568 standards. It is designed based on the industry standard keystone jack footprint and its small form format makes it an ideal choice for high density applications.

Features

- Tool-less termination
- Fully shielded for EMI protection
- Small form RJ45 footprint design
- Wiring diagram and conductor cap supplied
- Compatible with 23 – 26 AWG cables
- 50µm gold plated on contact area

Applications

- Cat6/Class E up to 250Mhz applications
- 10BASE-T, 100BASE-TX, 1000Base-T applications
- High density applications
- Backwards compatible with Category 5e distribution systems
- Ideal for environments sensitive to EMI

Specifications

MECHANICAL	VALUE
Housing	Zinc Die-Casting with Nickel Plating
Plastic Parts	High impact flame retardant plastic UL94V-0 rated
PCB	FR-4, 1.2mm thickness
Jack Wire	Phosphor bronze gold over nickel plating 0.35 mm, 50um Gold plated on Contact Area
IDC Conductor	0.5mm Phosphor Bronze, Tin-Plating
Plug Insertion Life	≥750 Cycles
Plug and Jack Contact Force	≥100 Grams
Plug Retention Force	≥48.9N
Durability	200 Termination Cycles

ELECTRICAL	VALUE
Current Rating	1.5 Amps
Insulation Resistance	≥500MΩ
Contact Resistance	≤10mΩ
DC Resistance	≤0.1mΩ
DC/AC Volt Endurance	1000V DC, 750V AC (1min)

ENVIRONMENTAL	VALUE
Operating Temperature	-10 °C - 60 °C
Storage Temperature	-40 °C - 68 °C
Operating Humidity	10% - 90% RH

Standards Compliance

- Class E / Category 6
- ANSI/TIA/EIA-568-C.2
- ISO/IEC 11801:2002/Amd.2:2010
- ISO/IEC 60603-7
- IEC 60512-12-5
- RoHS
- REACH / SvHC

Ordering Information

DESCRIPTION	PART NUMBER
Category 6 Shielded Twisted Pair (STP) Keystone Jack – Box of 20 pcs	OKJ-6-2/20