



Cat 6A Tool Free Screened RJ-45 Keystone Jack

A Category 6A screened tool free RJ-45 keystone jack that 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 factors makes it an ideal choice for high density applications.

Features

- Tool-less termination
- Fully shielded for EMI protection and reliable transmission line performance
- Small form Rj-45 footprint design
- Suitable for modular patch panel installation, keystone style faceplates and floor boxes
- Colour coded stuffer-cap for easy cable lacing
- Integral cable strain relief
- Keyed stuffer-cap for reliable termination
- Durable construction
- 50µm gold plated on contact area

Applications

- Cat6A/Class EA up to 500MHz applications
- Backwards compatible with Category 5e and 6 distribution systems
- 10GBASE-T, 2G FCBASE-T, 4G FCBASE-T and 1000BASE-T applications

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	0.35mm Phosphor Bronze Gold over Nickel Plating, 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 EA / Category 6A
- 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
Screened Category 6A Tool Free Keystone Jack – Box of 20 pcs	OKJ-6A-2-TL/20
Screened Category 6A Tool Free Shuttered Keystone Jack - Box of 20 pcs	OKJ-6A-2-TLSH/20