

SHIELDED T568A/B CAT.5E INDUSTRIAL KEYSTONE JACK



Product Type Keystone Jack

Product Family Multilan

Standard ROHS Compliant

Applications

Installation Environment Indoor and/or Outdoor

Operation Environment Aggressive, with electromagnetic interference

Compatibility All line FCS IP67

Warranty 12 months

Advantage

- Exceeds the limits established in the Standards for CAT.5E/Class D;
- Guaranteed channel performance up to 4 connections up to 100 meters in channels;
- Performance as a component given the normative parameters;
- bracket a IEEE 802.3, 1000 BASE T, 1000 BASE TX, EIA/TIA-854, ANSI-EIA/TIA-862, ATM, Video, system of the automation building and all protocols LAN previous;
- Meets FCC 68.5 (EMI - Interference Electromagnetic);
- Special boot that provides protection against the solids and water connections, degree IP67;
- Chemical resistance: oils, organic solvents, acids and strong bases;
- nsert the cable at an angle 90° or 180°;
- Accessory for contact protection and maintenance of IDC crimped cable;
- PossibilityT568A or T568B Crimping;
- Assembly instructions in English;
- Contact IDC at an angle of 45o to improve the electrical performance.

Identification Category identification on the front face, Furukawa Logo at the top of the boot protection

Trace Packing with part number, description, production date, production lot number and manufacturer contact

Constructive characteristic

Weight 0.016kg

Connector Type RJ-45 Female (Keystone Jack)

Cable type F/UTP Cat.5e

Material of electrical contact Phosphore bronze with 50uin of gold

Conductor diameter 24 up to 22 AWG

Material of Product body Product body: High impact Thermoplastic (PBT) no fire propagation UL 94V-0
Keystone Jack: Polycarbonate

Assembly Standard T568A and T568B

Storage Temperature -40°C a +85°C

Operation Temperature -10°C to +60°C

Operation relative humidity 93%

Performance

Cycles quantity ≥ 750 RJ45

Insulation Resistance 500 MΩ

Contact resistance 20mΩ

DC resistance 0.1Ω

Dielectric tension proof 1000V (RMS, 60Hz, 1min)

Return loss 1 ≤ f ≤ 31.5 Mhz: 30 dB
31.5 ≤ f ≤ 100MHz: 20-20 log(f/100)

Contact force 50N (11lbf) por 60s ± 5s

Electrical Characteristics

Freq (MHz)	NEXT (dB)	FEXT (dB)	Insertion Loss (dB)
1.0	65.0	65.0	0.1
4.0	65.0	63.1	0.1
8.0	64.9	57.0	0.1
10.0	63.0	55.1	0.1
16.0	58.9	51.0	0.2
20.0	57.0	49.1	0.2
25.0	55.0	47.1	0.2
31.25	53.1	45.2	0.2
62.5	47.1	39.2	0.3
100.0	43.0	35.1	0.4

Package

Package Type Plastic bag with identification label.

Minimum order quantity 10 pieces

Associated Solutions Industrial

Standards and Certifications

Standard

ANSI/TIA/EIA-568-C.2

ANSI/TIA/EIA-569

ISO/IEC DIS 11801

IEC 60529

EN 50173-1

Certification

UL Listed E173971

ISO9001/ISO14001 416253
