

SHIELDED INDUSTRIAL KEYSTONE JACK GIGALAN CAT.6



Product Type Keystone Jack

Product Family GigaLan

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.6/ Class E;
- Guaranteed channel performance up to 4 connections up to 100 meters in channels;
- Support IEEE 802.3, 1000 BASE T, 1000 BASE TX, EIA/TIA-854, ANSI-EIA/TIA-862, ATM, Video, Building systems and all previous LAN protocols;
- Attends FCC 68.5 (EMI - Electromagnetic Interference);
- Special boot that provides protection for connections against solids and water, IP67 degree;
- Chemical resistance: oils, organic solvents, strong acids and bases;
- Insert the cable angle 90° or 180°;
- Accessory for contact protection and maintenance of IDC crimped cable;
- Chance of Crimping T568A or T568B;
- Assembly instructions in English and Spanish;
- 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

Connector Type RJ-45 Female (Keystone Jack)

Cable type F/UTP Cat 6

Material of electrical contact RJ-45: Phosphor bronze with 50 µin (1,27 µm) of gold and 100 µin (2,54µm) of nickel
110 IDC: Phosphor bronze with 100 µin (2,54 µm) of nickel and tinned

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

Retention force between jack and plug At least 133N

Operation relative humidity 93%

Performance

Cycles quantity ≥ 750 RJ45 and ≥ 200 RJ11
 ≥ 200 for the IDC block

Insulation Resistance 500 M Ω

Contact resistance 20m Ω

DC resistance 0.1 Ω

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

Contact force 0.98N (100g)

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