



KEYSTONE JACK GIGALAN CAT.6

Product Type	Keystone Jack
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Product Family	Gigalan
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Standard	ROHS Compliant
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Applications

Compatibility	All FCS products
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Warranty	12 months
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Extended Warranty	15 or 25 years - in accordance to the FCS Extended Warranty Program
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Advantage

- Exceeds the limits established in the Standards for CAT.6/Classe E,
- Guaranteed channel performance up to 4 connections up to 100 meters in channels;
- Support IEEE 802.3af, 802.3at, 1000 BASE T, 1000 BASE TX, EIA/TIA-854, ANSI-EIA/TIA-862, ATM, Video, Building Automation Systems, 10G-BASE-T (TSB-155) all previous protocols LAN;
- Possibility of fixing identification icons;
- IDC connector with angled 90°;
- Compatible with RJ-11;
- Accessory for contact protection and maintenance of IDC crimped cable;
- Chance of Crimping T568A ou T568B;
- Assembly instructions in English;
- Guarantee ZERO BIT ERROR in Fast and Gigabit Ethernet;
- The connector has integral protection circuit;
- Allows termination process under untwist to 13 mm;
- Compatible with quick crimp tool that eliminates the use of impact tool.

Identification	Category printed on front, Furukawa's sign on body of connector.
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Trace	Lot of production printed on product's structure.
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Constructive characteristic

Height	22.3mm
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Width	17 mm
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Color	Blue, White, Beige, Black and Red
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Connector Type	RJ-45 Female (Keystone Jack)
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Rear Connection	110 IDC, 8 positions, standard in Phosphore bronze tinned, for conductor diameter between 22 and 26 AWG.
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Cable type

Material of electrical contact	Phosphore bronze with 50uin of gold and 100uin of nickel.
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Conductor diameter	26 up to 22 AWG
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Material of Product body	High impact thermoplastic no fire propagation UL 94V-0.
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Assembly Standard	T568A and T568B
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Storage Temperature	-40°C to +70°C
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Operation Temperature	-10°C to +60°C
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Retention force between jack and plug	At least 133N
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Performance

Cycles quantity	≥1000 RJ45 and ≥200 RJ11 ≥200 for the IDC block
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Insulation Resistance	500 MΩ
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Contact resistance	20mΩ
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DC resistance	0.1Ω
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Dielectric tension proof	1000V (RMS, 60Hz, 1min)
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Contact force	0.98N (100g)
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Package

Package Type	Cardboard box
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Amount per box gift	25 pieces
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Amount per box (carton)	20 box
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Minimum order quantity	500 Keystones Jack
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Dimension (WHD)	430 x 370 x 340 mm
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Individual package	0.336kg
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Associated Solutions	Commercial Building
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Standards and Certifications

Standard

EIA/TIA 568 C.2 and Addendums

ISO/IEC 11801

NBR 14565

FCC part 68

IEC60603-7

EN 50173-1

Certification

ISO9001/ISO14001 416253

UL Listed E173971

ETL Verified
