



KEYSTONE JACK GIGALAN CAT.6 PREMIUM

Product Type Keystone Jack

Product Family Gigalan

Standard ROHS Compliant

Applications

Compatibility All FCS products

Warranty 12 months

Extended Guaranty 15 or 25 years - in accordance to the Special Warranty Program FCS

Advantage

- Compatible with modular patch panel and face plates.
- Exceed defined by CAT.6/Classe E standard;
- Fast assembly with "Fast Tool" (Do not need punch down to assembly);
- Support IEEE 802.3af e 802.3at, 1000 BASE T, 1000 BASE TX, EIA/TIA-854, ANSI-EIA/TIA-862, ATM, Video, Building Automatization System, 10G-BASE-T (TSB-155), all LAN protocols;
- According to IEC 60603-7;
- Included Dust Cover;
- Cable assembly with 90° or 180°;
- Compliance with RJ-11;
- Included Cover for IDC protection;
- Default assembly T568A or T568B;
- Assembled and tested 100% in factory.

Identification Category printed on front, Furukawa's sign on body of connector.

Trace Lot of production printed on product's structure.

Constructive characteristic

High 22,3mm

Width 17 mm

Color Black, Yellow, Blue, Red, Violet, White, Beige, Gray, Green, Orange and Brown.

Connector Type RJ-45 Female (Keystone Jack)

Rear Connection 110 IDC standard in Phosphore bronze tinned, for conductor diameter between 22 and 26 AWG.

Cable type

Material of electrical contact Phosphore bronze with 50uin of gold and 100uin of nickel.

Conductor diameter 26 up to 22 AWG

Material of Product body High impact thermoplastic no fire propagation UL 94V-0.

Assembly Standard T568A and T568B

StorageTemperature -40°C to +70°C

Operation Temperature -10°C to +60°C

Retention force between jack and plug At least 133N

Performance

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

Insulation Resistance 500 MΩ

Contact resistance 20mΩ

DC resistance 0,1Ω

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

Return loss

Frequency (MHz)	Category 6 (dB) RL
1.00	30.0
4.00	30.0
8.00	30.0
10.00	30.0
16.00	30.0
20.00	30.0
25.00	30.0
31.25	30.0
62.50	28.1
100.00	24.0
200.00	18.0
250.00	16.0

Contact force 0,98N (100g)

Package

Package Type Cardboard box

Individual package 0,475kg

Associated Solutions Data Center, Commercial Building, Government, Finances, Health, Education

Standards and Certifications

Standard	EIA/TIA 568 C.2 and Addendums
	ISO/IEC 11801
	NBR 14565
	FCC part 68

Certification	ETL 4 connections	3073041-003
	ETL 6 connections	3118430CRT-003
	ISO9001/ISO14001	416253
	UL Listed	E173971
	ETL Verified	3191965CRT-001
