



MULTILAN CAT.5E KEYSTONE JACK U/UTP

Product Type Keystone Jack

Product Family Multilan

Standard ROHS Compliant

Applications

Installation Environment Indoor

Operation Environment Non Aggressive

Compatibility All FCS products

Warranty 12 months

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

Advantage

- Exceeds the limits of the standard for CAT.5E / D;
- Guaranteed Channel Performance connections for 4 channels to 100 meters;
- Support IEEE 802.3, 1000 Base T, 1000 Base TX, EIA/TIA-854, ANSI-EIA/TIA-862, ATM, Video, Automation Systems and all previous LAN protocols;
- Supplied in white, beige, blue, black and red;
- Support identification icons.
- Cable insertion angle 180°;
- Compatible with RJ-11;
- Assembly standard T568A or T568B;
- Portuguese and spanish instruction sheet;

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

Trace Lot of production printed on product's structure.

Constructive characteristic

Weight 0,018kg

High 22mm

Width 17,2mm

Depth 33,9mm ± 0,1mm

Color Beige, White, Blue, Black and Red

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 U/UTP Cat. 5e

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

Storage Temperature -40°C to +70°C

Operation Temperature -10°C to +60°C

Performance

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

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 0,98N (100g)

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.

Amount for box gift

Amount for box (carton)	20 box
Minimum order quantity	500 Keystones Jack
Dimension (WHD)	430 x 370 x 340 mm
Individual package	0,336kg
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	ISO9001/ISO14001 416253
	UL Listed E173971
	ETL Verified