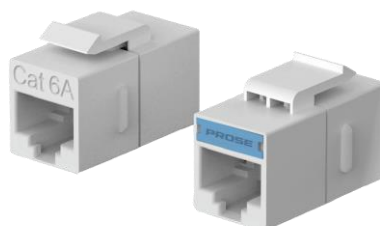


Applications

Prose CAT.6A Direct keystone jacks are components of the cabling system. They are applied in structured premise cabling and data center cabling and the direct keystone is convenient for users to connect two patch cord, which can effectively solve the problem of insufficient patch cord length when the distance between the device and the terminal is long.

Profile/Outline



Characteristic

- Prose Cat.6A Direct keystone jacks meet and exceed ANSI/TIA-568.2-D requirements.
- Outstanding performance,(including IR, NEXT, FEXT and RL), which ensure the high link performance.
- Other standards: FCC part 68, Subpart F, IEC 60603-7, EN50173-1.
- EU RoHS compliance.

Electrical Performance at 20°C

Insulation resistance	500MΩ
DC current	1.5 Amps
DC resistance	0.1Ω
Contact resistance	20mΩ
Operating temperature	-10°C~60°C
Storage temperature	-40°C~68°C
Relative humidity	10%-90%

Mechanical Performance

Housing material	Phosphor bronze C5191R-H
Jack shell	PC UL94V-0
Contact material	Phosphor bronze C5210
PCB material	FR-4
IDC block	PC UL94V-0

Cat6A Unshielded Direct Keystone

KS6A-131-1XX



IDC contact material	Phosphor bronze with silver or nickel plating
Wire	AWG 22 ~ 26
IDC life	≥ 200 times

Transmission Performance

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	RL (dB)	PSNEXT (dB)	PSANEXT (dB)	FEXT (dB)	PS AFEXT (dB)
	Max.	Min.	Min.	Min.	Min.	Min.	Min.
1	0.10	75.0	30.0	90.0	67.0	75.0	67.0
4	0.10	75.0	30.0	78.0	67.0	71.1	67.0
8	0.10	75.0	30.0	71.9	67.0	65.0	67.0
10	0.10	74.0	30.0	70.0	67.0	63.1	67.0
16	0.10	69.9	30.0	65.9	67.0	59.0	67.0
20	0.10	68.0	30.0	64.0	67.0	57.1	67.0
25	0.10	66.0	30.0	62.0	67.0	55.1	67.0
31.25	0.11	64.1	30.0	60.1	67.0	53.2	67.0
62.5	0.16	58.1	30.0	54.1	67.0	47.2	67.0
100	0.20	54.0	28.0	50.0	67.0	43.1	67.0
200	0.28	48.0	22.0	44.0	64.5	37.1	61.0
250	0.32	46.0	20.0	42.0	62.5	35.1	59.0
300	0.35	42.9	18.5	38.9	61.0	33.6	57.5
400	0.40	37.9	16.0	33.9	58.5	31.1	52.0
500	0.45	34.0	14.0	30.0	56.5	29.1	53.0

Packing Information

Weight	30 g
Included parts	1 termination bar, 1 cable tie
Packaging	Individually packaged in a plastic bag

Ordering Information

Order Number	Description
KS6A-131-1BL	Direct Keystone Jack, RJ45, Cat6A, Unshielded, Blue logo

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