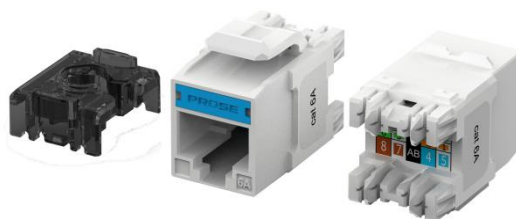


Application

Prose CAT.6A keystone jacks are components of the cabling system. They are applied in structured premise cabling and data center cabling and used with outlet faceplate and modular patch panel. It guarantees 500MHz bandwidth for 10Gbps transmission application, and compatible backwards with all current Ethernet applications.

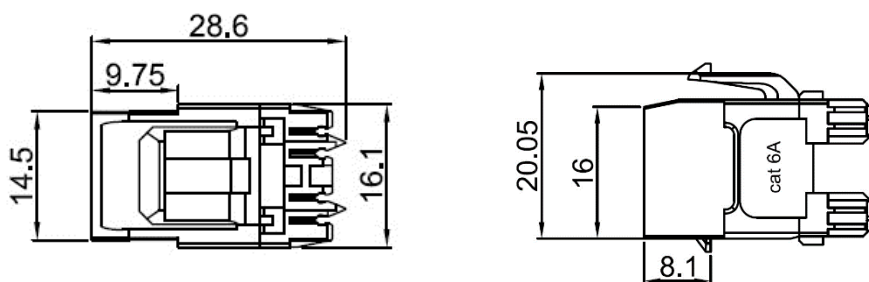
Profile/Outline



Characteristic

- Prose Cat.6A keystone jacks meet and exceed ANSI/TIA-568.2-D and ISO/IEC 11801 requirements.
- Outstanding performance,(including IR, NEXT, FEXT and RL), which ensure the high link performance.
- Termination cap provides excellent strain relief, helps control cable bend radius and securely retains wires.
- Wiring scheme: T568 A/B.
- Available in many colors for label.
- EU RoHS compliance.
- Other standards: FCC part 68, Subpart F, IEC 60603-7, EN50173-1.

Dimension



Electrical Performance at 20°C

Voltage rating	125 VAC RMS
Current rating	1.5 AMP
Contact resistance	20 mΩ Max.
Insulation resistance	100MΩ Min. @ 500V DC
Dielectric strength	750V AC RMS 60Hz 1MIN
Unbalance capacitance	≤330pF/100m

Mechanical Performance

Housing material	PC UL94V-0
Insert material	PC+20%GF UL94V-0
PCB material	FR-4
Contact material	Phosphor bronze
Wire	AWG 22 ~ 26
Life (plug in /out)	≥ 750 times
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	22 g
Included parts	1 termination bar, 1 cable tie
Packaging	Individually packaged in a plastic bag

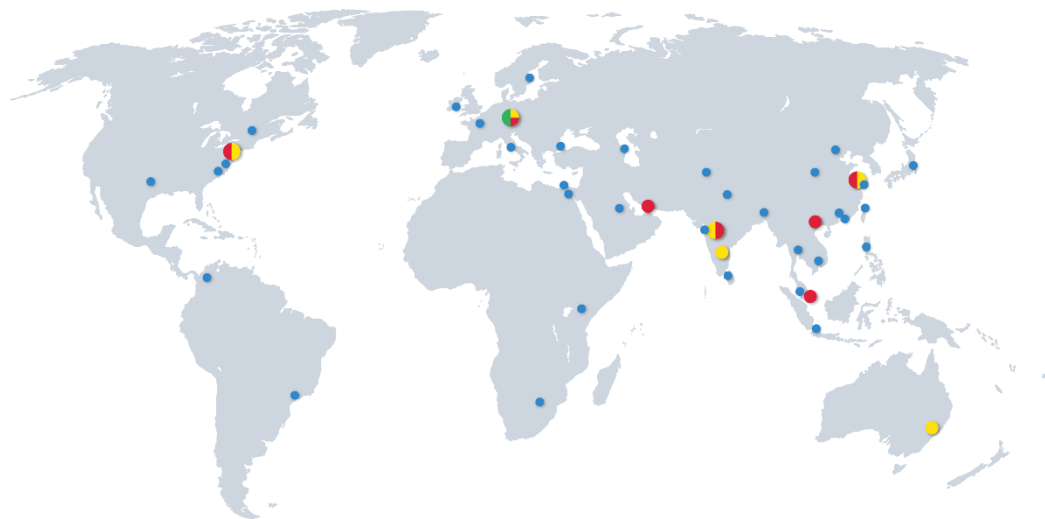
Ordering Information

RJ45 Keystone	Category	-	Structure	Feature	Port Feature	-	Degree	Color (logo piece)
KS: Keystone	6A: Cat6A	-	1: Unshielded 2: Shielded (Zinc alloy) 3: Shielded (Copper shell)	1: Standard 2: Toolless 3: Direct keystone	1: Without dust cover 2: With dust cover	-	1: 180 degree 2: 90 degree	BL: Blue logo RD: Red logo YL: Yellow logo GN: Green logo GR: Grey logo VL: Violet logo

For Example:

Part Number	Description
KS6A-111-1BL	Keystone Jack, RJ45, Cat6A, Unshielded, 180°, Blue logo
KS6A-111-1YL	Keystone Jack, RJ45, Cat6A, Unshielded, 180°, Yellow logo
KS6A-111-1RD	Keystone Jack, RJ45, Cat6A, Unshielded, 180°, Red logo
KS6A-111-1GN	Keystone Jack, RJ45, Cat6A, Unshielded, 180°, Green logo
KS6A-111-1VT	Keystone Jack, RJ45, Cat6A, Unshielded, 180°, Violet logo

GLOBAL FOOTPRINT



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