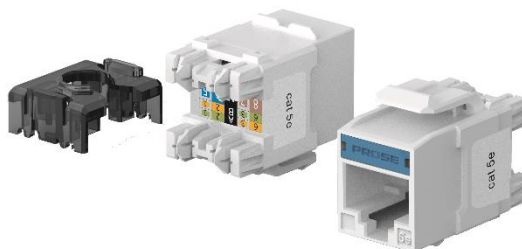


Applications

Prose CAT.5e 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.

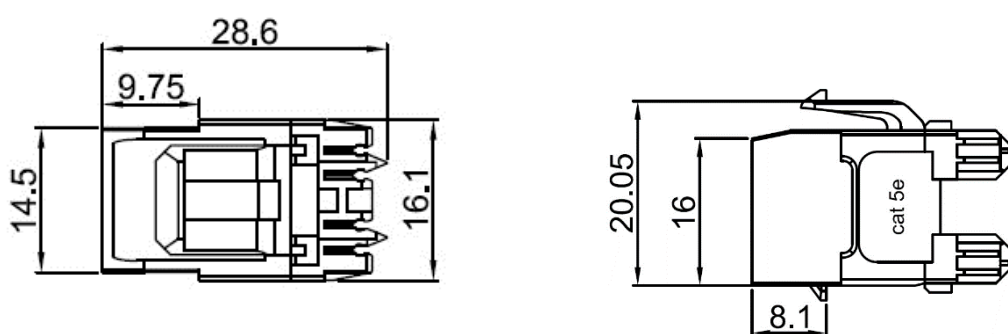
Profile/Outline



Characteristic

- Prose Cat.5e 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.

Cat5e Unshielded Keystone Jack

KS5E-111-1XX



Insulation resistance	100M Ω Min. @ 500V DC
Dielectric strength	750V AC RMS 60Hz 1MIN
Unbalance capacitance	$\leq$ 330pF/100m

Mechanical Performance

Housing material	PC UL94V-0
Insert material	PC+20%GF UL94V-0
PCB material	FR-4
Contact material	Phosphor bronze
IDC contact material	Phosphor bronze with silver or nickel plating
Wire	AWG 22 ~ 26
Life (plug in /out)	$\geq$ 750 times
IDC life	$\geq$ 200 times

Transmission Performance

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	RL (dB)	PSNEXT (dB)	FEXT (dB)	PSFEXT (dB)
	Max.	Min.	Min.	Min.	Min.	Min.
1.0	0.10	65.0	30.0	80.0	65.0	72.1
4.0	0.10	65.0	30.0	68.0	63.1	60.1
8.0	0.11	64.9	30.0	61.9	57.0	54.0
10.0	0.13	63.0	30.0	60.0	55.1	52.1
16.0	0.16	58.9	30.0	55.9	51.0	48.0
20.0	0.18	57.0	30.0	54.0	49.1	46.1
25.0	0.20	55.0	30.0	52.0	47.1	44.1
31.25	0.22	53.1	30.0	50/1	45.2	42.2
62.5	0.32	47.1	24.1	44.1	39.2	36.2
100.0	0.40	43.0	20.0	40.0	35.1	32.1

Packing Information

Weight	22 g
Included parts	1 termination bar, 1 cable tie
Packaging	Individually packaged in a plastic bag

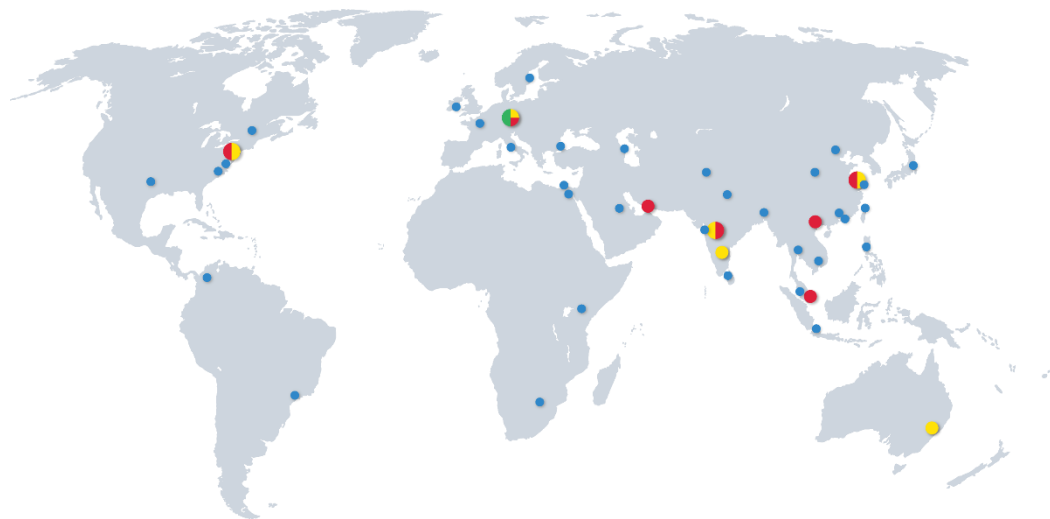
Ordering Information

RJ45 Keystone	Category	-	Structure	Feature	Port Feature	-	Degree	Color (logo piece)
KS: Keystone	5E: Cat5e	-	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	RD: Red logo BL: Blue logo YL: Yellow logo GN: Green logo GR: Grey logo VL: Violet logo

For Example:

Order Number	Description
KS5E-111-1BL	Keystone, RJ45, Cat5e, Unshielded, 180°, Blue logo
KS5E-111-1RD	Keystone, RJ45, Cat5e, Unshielded, 180°, Red logo
KS5E-111-1GN	Keystone, RJ45, Cat5e, Unshielded, 180°, Green logo
KS5E-111-1YL	Keystone, RJ45, Cat5e, Unshielded, 180°, Yellow logo

GLOBAL FOOTPRINT



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