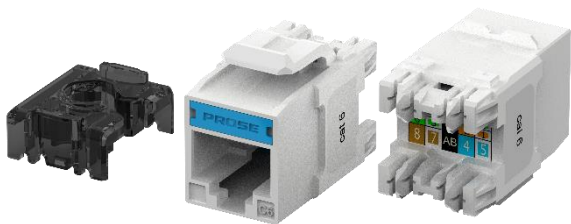


Application

Prose CAT.6 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



RJ45 Keystone 180°, punch down

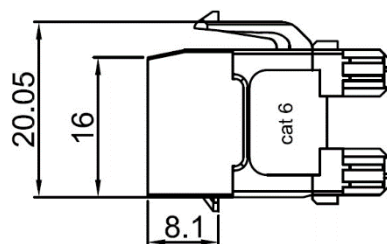
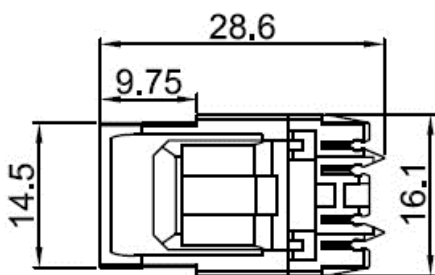


RJ45 Keystone 90°, punch down

Characteristic

- Prose Cat.6 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.
- Third party performance verification : Force-verified category 6.

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

Cat6 Unshielded Keystone Jack

KS60-111-1XX

PROSE

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
IDC contact material	Phosphor bronze with silver or nickel plating
Wire	AWG 22 ~ 26
Life (plug in /out)	≥ 750 times
IDC life	≥ 200 times

Transmission Performance

Frequency (MHz)	Attenuation (dB/10m)	NEXT (dB)	RL (dB)	PSNEXT (dB)	FEXT (dB)	PSFEXT (dB)
	Max.	Min.	Min.	Min.	Min.	Min.
1.0	0.1	75.0	30.0	90.0	75.0	80.1
4.0	0.1	75.0	30.0	78.0	71.1	68.1
8.0	0.1	75.0	30.0	71.9	65.0	62.0
10.0	0.1	74.0	30.0	70.0	63.1	60.1
16.0	0.1	69.9	30.0	65.9	59.0	56.0
20.0	0.1	68.0	30.0	64.0	57.1	54.1
25.0	0.1	66.0	30.0	62.0	55.1	52.1
31.25	0.11	64.1	30.0	60.1	53.2	50.2
62.5	0.16	58.1	28.1	54.1	47.2	44.2
100.0	0.20	54.0	24.0	50.0	43.1	40.1
200.0	0.28	48.0	18.0	46.5	37.1	36.6
250.0	0.32	46.0	16.0	44.0	35.1	34.1

Packing Information

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

Ordering Information

RJ45/RJ11 Keystone	Category	-	Structure	Feature	Port Feature	-	Degree	Color (logo piece)
KS: Keystone	60: Cat6	-	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:

Part Number	Description
KS60-111-1BL	Keystone, RJ45, Cat6, Unshielded, 180°, Blue logo
KS60-111-1RD	Keystone, RJ45, Cat6, Unshielded, 180°, Red logo
KS60-111-1GN	Keystone, RJ45, Cat6, Unshielded, 180°, Green logo
KS60-111-1YL	Keystone, RJ45, Cat6, Unshielded, 180°, Yellow logo
KS60-111-1VL	Keystone, RJ45, Cat6, Unshielded, 180°, Violet logo
KS60-111-2BL	Keystone, RJ45, Cat6, Unshielded, 90°, Blue logo

Rev. 1.0 | 4 / 4