

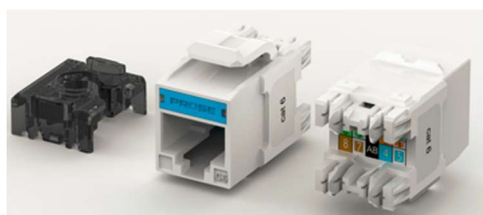
## Application

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.

- 10baseT Ethernet
- 100baseTX Fast Ethernet
- 1000baseTX Gigabit Ethernet
- 155Mbit ATM
- 622Mbit ATM
- TR-16 Active
- TR-16 Passive

## Profile/Outline

- Prose Cat6 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.
- Termination cap provides excellent strain relief, helps control cable bend radius and securely retains wires.



## 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

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

### Electrical Performance at 20°C

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	RL (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
	Max.	Min.	Min.	Min.	Min.	Min.
1.0	0.1	75.0	30.0	73.0	83.1	80.1
4.0	0.1	75.0	30.0	72.3	71.1	68.1
8.0	0.1	75.0	30.0	71.0	66.1	65.4
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	62.2	53.2	52.6
31.25	0.11	64.1	30.0	60.1	50.0	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	44.0	37.1	34.1
250.0	0.32	46.0	16.0	42.0	35.1	32.1

### Ordering Information

Order Number	Description
KS60-111-1WH	Keystone Jack, RJ45, Cat6, Unshielded, 180°, White
KS60-111-1YL	Keystone Jack, RJ45, Cat6, Unshielded, 180°, Yellow
KS60-111-1BL	Keystone Jack, RJ45, Cat6, Unshielded, 180°, Blue
KS60-111-1RD	Keystone Jack, RJ45, Cat6, Unshielded, 180°, Red
KS60-111-1GN	Keystone Jack, RJ45, Cat6, Unshielded, 180°, Green