



CATEGORY 6 MODULAR JACK

Datacom Category 6 180° Modular jack Punch Down type and category 6 keystone jack 90° comply with ANSI/TIA-568.2-D and ISO/IEC 11801 Class E for Category 6 /class E component performance standards and requirement with a 180° and 90° Cable entry from rear side respectively. The 110 - IDC type connectivity is capable of terminating 22-26 AWG the jacks are unshielded, 4 pair, RJ-45, and are compatible with all faceplates having an aperture of 20.05 X 14.75.



Category 6 180° Keystone Jack



Category 6 90° Keystone Jack

COMPLIANCE

ISO/IEC 11801-1 Class E, ANSI/TIA-568.2-D

PHYSICAL CHARACTERISTICS

	CAT6 90° KEYSTONE	CAT6 180° KEYSTONE
Body Material	Housing:ABS,UL94-V0	Housing:ABS/PC,UL94-V0
Body Color	Black	Black
Contact Base Material	Phosphor Bronze with Nickel Plated	PolycarbonateUL94V-2Transparent
Contact Plating Material	Gold Plated on contact area	50µ inch Gold Plated
Contact Material Type	Phosphor Bronze	Polycarbonate
Termination Contact Plating	Gold	Gold
Contact Plating Thickness	50 micro - inch	50 micro - inch
Compatible Conductor Gauge Solid	22-24 AWG	23-26 AWG
Compatible Conductor Gauge Stranded	N/A	23-26 AWG
Insulation Displacement Contacts	Phosphor Bronze with Nickel Plated	Phosphor Bronze with tin Plated
Insulation Displacement Contact'Cap	ABS,UL94V-0, White color	PC , UL 94-HB
Insulation Displacement Housing	ABS,UL94V-0, White color	PC ,Grey (RAL7035)UL 94V-2
IDC color	White	Grey
Termination Punch downs,Min.	200 Times	20 Times
Wiring standards	T568A & T568 B	T568A & T568 B

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-10° C to +60° C
Storage Temperature Range	-40° C to +70° C
Safety Standard	UL1863



ELECTRICAL CHARACTERISTICS SPECIFICATION

	CAT6 90° KEYSTONE	CAT6 180° KEYSTONE
Modular Jack - (Jack Pin)	100 VDC	60 VDC , 1A
110 Contacts (IDC PIN)	100 VDC	60 VDC,1A
Current Rating	1.5 A	1.5 A @ 20° C (68°F)
Contact Resistance variation, Max.	20 m Ohm	20 m Ohm
Voltage Proof, contact-to shield	N/A	N/A
Voltage Proof, contact-to contact	1000 V dc for 60s	1000 V dc for 60s
Insulation Resistance,minimum	500 MΩ	500 MΩ
PoE	N/A	IEEE802.3bt Type 4 PoE++(4PPoE)100w
Safety Voltage Rating	150 V (UL 1863)	150 V (UL 1863)

MECHANICAL SPECIFICATION

Plug Insertion Life, minimum	750 cycles min.
Plug Retention Force, minimum	≤ 20 N
Pull Force	7.7 kg between jack and plug

PERFORMANCE CHARACTERISTICS

freq.-MHz	NEX-dB	RL - dB
1	65	19
4	63	19
8	58.2	19
10	56.6	19
16	53.2	18
20	51.5	17.5
25	50.0	17
31.25	48.4	16.5
62.5	43.4	14
100	39.9	12
200	34.8	9
250	33.1	8

ORDERING INFORMATION

Description	Order Code
CAT 6 MODULAR JACK 90° KEYSTONE - BLACK	DC-MJKJ-C6-BK
CAT 6 MODULAR JACK 180° KEYSTONE - BLACK	DC-MJRJ-C6-BK