

NOTE: UNLESS OTHERWISE SPECIFIED

1. 48-PORT CAT 6 PATCH PANEL:

A. MATERIAL:

- 48-PORT PATCH PANEL: 16 GA CRS
- JACK HOUSING: HIGH IMPACT, FLAME RETARDANT PLASTIC, UL 94V-0
- SPRING WIRE: PHOSPHOR BRONZE
- 110 CONNECTOR: PHOSPHOR BRONZE ALLOY WITH 100 MICRO-INCH ALLOY
- GOLD RATING: 50 MICRO INCHES OF GOLD OVER 100 MICRO INCHES OF NICKEL

B. SURFACE FINISH: BLACK POWDER COAT

C. MECHANICAL:

- MATING FORCE: 100 GRAMS MIN/CONTACT
- TEMPERATURE RANGE: -40°~70°C
- PLUG RETENTION IN JACK: 50N (11 LBS SQ)
- IDC WIRE GAUGE: 22~24 AWG


D. ELECTRICAL:

- CURRENT RATING: 1.5 AMP DC
- CONTACT RESISTANCE: 2.5 MILOHMS MAX

RJ-45	110 CONNECTOR	UNIVERSAL WIRING	
		T568B	T568A
5	1	WHITE/BLUE	WHITE/BLUE
4	2	BLUE	BLUE
2	3	WHITE/ORANGE	WHITE/GREEN
1	4	ORANGE	GREEN
3	5	WHITE/GREEN	WHITE/ORANGE
6	6	GREEN	ORANGE
7	7	WHITE/BROWN	WHITE/BROWN
8	8	BROWN	BROWN

CATEGORY 6 CONNECTING HARDWARE REQUIREMENTS												
FREQUENCY (MHz)	1.0	4.0	8.0	10.0	16.0	20.0	25.0	31.25	62.5	100	200	250
NEXT LOSS (db)	75.0	75.0	75.0	74.0	69.9	68.0	66.0	64.1	58.1	54.0	48.0	46.0
FEXT LOSS (db)	75.0	71.1	65.0	63.1	59.0	57.1	55.1	53.2	47.2	43.1	37.1	35.1
RETURN LOSS (db)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	28.1	24.0	18.0	16.0
INSERTION LOSS(db)	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.11	0.16	0.20	0.28	0.32

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PATCH PANEL, CAT 6, 48-PORT, 2 RMS		 Premium Products Proven Performance Competitive Prices	
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