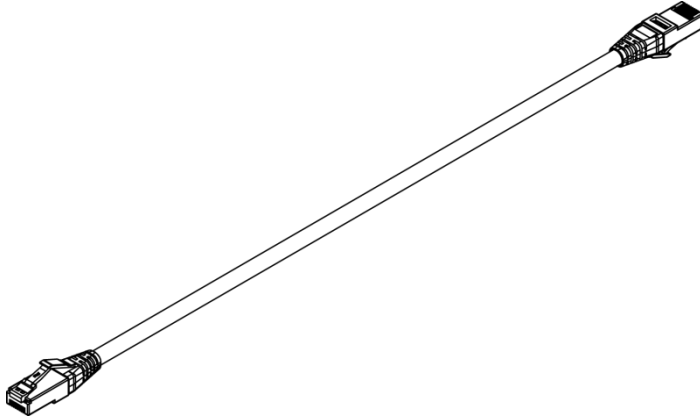


Patch Cord CAT 5e, Molded Boot

Package Includes

A. Patch Cord CAT 5e, Molded Boot, **1 Piece.**

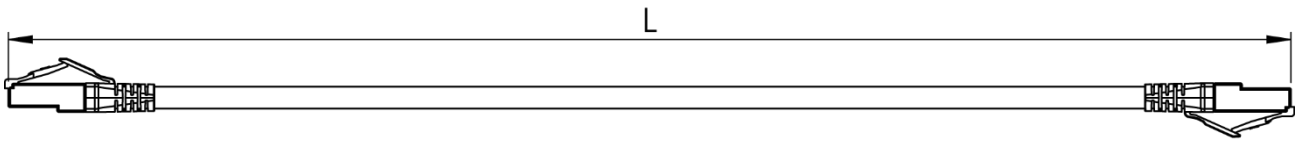


Features and Benefits

- 100% factory tested, 50 micro inch gold plated contacts
- Exceeds ANSI/TIA-568-C requirements for permanent and channel link performances with ICC connectivity
- Ultra slim low profile boots for high density applications, no width wasted on boot
- Backwards compatible to all lower rated category components
- Constructed with ultra flexible, EZ release, snag free strain relief
- Stranded 24 AWG copper wire (No substandard tinned copper materials used)
- UL 1863 compliant with 94V-0 rate plug, CSA, CMS, FT4 flame rated
- Available in Black, Blue, Gray, Green, Orange, Red, White & Yellow
- Available in 1, 3, 5, 7, 10, 14, 25 ft.

Specifications

1. ELECTRICAL/PHYSICAL:
2. CABLE:
 - A. TEMPERATURE RATING, MAX 75°C
 - B. CAPACITANCE, MUTUAL 14.5 PF/FT AT 1 MHZ
 - C. DIELECTRIC WITHSTANDS, MIN AC-500V/1 MIN @ 20°C
 - D. VOLTAGE RATING, MAX 300V
 - E. D.C. RESISTANCE, MAX 24:89Ω/KM @ 20°C
 - F. IMPEDANCE, CHARACTERISTIC, NOM 100Ω±15 @ 1-100 MHZ 100Ω±20 @ 100-350 MHZ
3. MODULAR PLUG:
 - A. UL APPLICATIONS: RATED 2A, 150V
 - B. RESISTANCE OF INSULATION: 500 MEGOHMS
 - C. RESISTANCE OF TERMINATION: 35 MILLIOHMS MAX @ -40°C TO 70°C
 - D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VOLTS AC
4. MATERIAL & FINISH:
 - A. CABLE: CATEGORY 5e PATCH CABLE
 - B. JACKET: MATERIAL: PVC
 1. OVERALL DIAMETER: 0.236"±0.008"
 2. AVERAGE THICKNESS: 0.023"
5. CONDUCTOR:
 - A. INSULATION: HIGH DENSITY POLYETHYLENE
 - B. OVERALL DIAMETER: 0.38"±0.002"
 - C. AVERAGE THICKNESS: 0.007"
 - D. CONDUCTOR: 24 AWG (7X32) UL RATED, BARE COPPER WIRE, STRANDED
 - E. PERFORMANCE RATING: CATEGORY 5e
6. MODULAR PLUG WITH LOADING BAR: UL AND cUL RECOGNIZED
 - A. HOUSING: PC, UL94V-0
 - B. COLOR: CLEAR
 - C. CONTACT: PHOSPHOR BRONZE, 0.014 INCH THICK
 - D. GOLD PLATING: 1.27 MICRONS/50μ" MIN ON CONTACTS
 - E. NO. OF CONTACTS: 8
7. STRAIN RELIEF BOOT:
 - A. MATERIAL: PC, UL94V-0
8. MECHANICAL:
 - A. CABLE-TO-PLUG TENSILE STRENGTH: 20 LBS [89N] MIN
 - B. DURABILITY: 200 MATING CYCLES MIN
9. COLORS XX: BK-BLACK, BL-BLUE, GY-GRAY, GN-GREEN,
OR-ORANGE, RD-RED, WH-WHITE & YL-YELLOW



PLUG A

PLUG B

FREQUENCY (MHz)	SRL (dB)	ATTENUATION (dB/100M)	ACR (dB)	NEXT (dB/100M)	PSNEXT (dB)	ELFEXT (dB/100)	PSELFEXT (dB/100M)	RL (dB)	DELAY (ns/100M)
0.772	-	2.2	64.8	67	64	66	63	19	575
1	23	2.4	62.9	65.3	62.3	63.8	60.8	20	570
4	23	4.9	51.4	56.3	53.3	51.7	48.7	23	552
8	23	7.0	44.8	51.8	48.8	45.7	42.7	25	546.7
10	23	7.8	42.5	50.3	47.3	43.8	40.8	25	545
16	23	9.8	37.5	47.3	44.4	39.7	36.7	25	543
20	23	11.1	34.7	45.8	42.8	37.7	34.7	25	542
25	22	12.5	31.8	44.3	41.3	35.8	32.8	24	541.2
31.25	21	14.0	28.9	42.9	39.9	33.9	30.9	23	540.4
62.5	18	20.4	16	36.4	35.4	27.8	24.6	21	538.6
100	16	26.4	8.9	35.3	32.3	23.8	20.8	19	538
200	13	38.9	-8.1	30.8	27.8	17.8	14.8	16	537
250	12	44.2	-15	29.3	26.3	15.8	12.8	16	536
300	11.2	49.2	-21	28.1	25.1	14.3	11.3	15	536
350	10.6	53.8	-27	27.1	24.1	12.9	9.9	14	536

ITEM NUMBER	L(FT)	TOLERANCE (IN)
ICPCSP01XX	1	±0.5"
ICPCSP03XX	3	±1"
ICPCSP05XX	5	±1"
ICPCSP07XX	7	±1"
ICPCSP10XX	10	±1.5"
ICPCSP14XX	14	±1.5"
ICPCSP25XX	25	±2"

WIRING DIAGRAM		
PLUG A	PLUG B	COLOR
1	1	WHITE/ORANGE
2	2	ORANGE
3	3	WHITE/GREEN
4	4	BLUE
5	5	WHITE/BLUE
6	6	GREEN
7	7	WHITE/BROWN
8	8	BROWN

