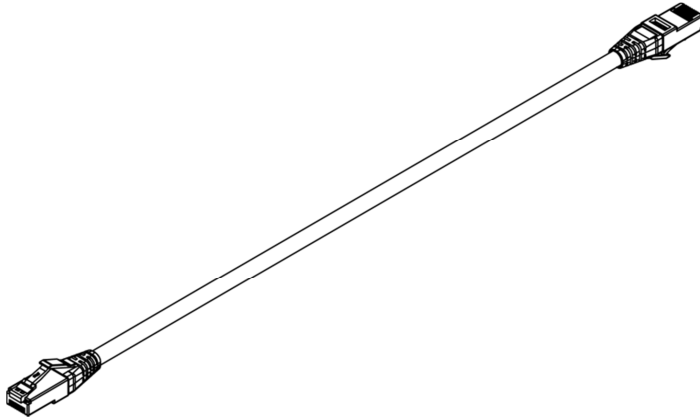


# Patch Cord CAT 6, Clear Boot

## Package Includes

A. Patch Cord CAT 6, Clear Boot, **1 Piece.**



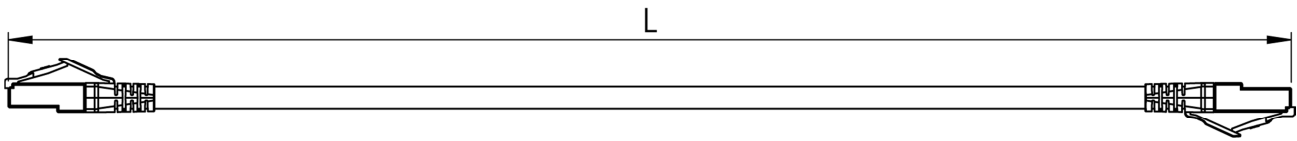
## Features and Benefits

- 100% factory tested, 50 micro inch gold plated contacts.
- Exceeds ANSI/TIA-568-C requirements for permanent, channel link, and component performances
- 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 8 colors (Black, Blue, Green, Gray, Orange, Red, White, Yellow)
- Available in 7 lengths (1, 3, 5, 7, 10, 14, 25 ft.)

**Specifications**

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





PLUG A

PLUG B

FREQUENCY (MHz)	ATTENUATION (dB/100M)	NEXT (dB/100M)	PSNEXT (dB)	ELFEXT (dB/100)	PSELFEXT (dB/100M)	RL (dB)	DELAY (ns/100M)	VOP (%)
0.772	2.2	76	74	70	67	19.4	575	-
1	2.4	74.3	72.3	67.8	64.8	20	570	58.5
4	4.6	65.3	63.3	55.8	52.8	23	552	60.4
8	6.4	60.8	58.8	49.7	46.7	25.4	546.7	61
10	7.2	59.3	57.3	47.8	44.8	25	545	61.1
16	9.1	56.2	54.2	43.7	40.7	25	543	61.4
20	10.2	54.8	52.8	41.8	38.8	25	542	61.5
25	11.4	53.3	51.3	39.8	36.8	24.2	541.2	61.6
31.25	12.8	51.9	49.9	37.9	34.9	23.3	540.4	61.7
62.5	18.5	47.4	45.4	31.9	28.9	20.7	538.6	61.9
100	23.8	44.3	42.3	27.8	24.8	19	538	62
200	34.8	39.8	37.8	21.8	18.8	16.4	536.5	62.1
250	39.4	38.3	36.3	19.8	16.8	15.6	536	62.1
300	43.7	37.1	35.1	18.3	15.3	14.9	536	62.1
350	47.7	36.1	34.1	16.9	13.9	14.3	536	62.1
400	51.6	35.3	33.3	15.8	12.8	13.8	536	62.1
500	58.7	33.8	31.8	13.8	10.8	13	536	62.1
550	62.1	33.2	31.2	13	10	12.6	536	62.1

ITEM NUMBER	L(FT)	TOLERANCE (IN)
ICPCST01XX	1	±0.5"
ICPCST03XX	3	±1"
ICPCST05XX	5	±1"
ICPCST07XX	7	±1"
ICPCST10XX	10	±1.5"
ICPCST14XX	14	±1.5"
ICPCST25XX	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

