

# Patch Cord CAT 6 Slim, Clear Boot

## Package Includes

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

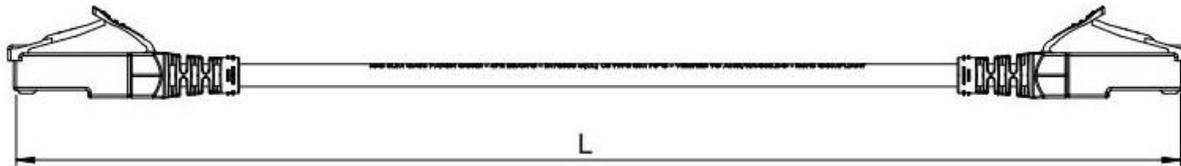


## Features and Benefits

- 100% factory tested, 50 micro inch gold plated contacts
- Exceeds ANSI/TIA-568.2-D 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 28 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, Green, Gray, Orange, Red, White & Yellow
- Available in 1, 3, 5, 7, 10, 15, 20 ft.

**Specifications**

1. ELECTRICAL/PHYSICAL:
2. CABLE:
  - A. TEMPERATURE RATING, MAX 75°C
  - B. CAPACITANCE, MUTUAL MAX. 5.6nF/100m, 1kHz @ 20°C
  - C. DIELECTRIC WITHSTANDS, MIN AC-500V/1 MIN @ 20°C
  - D. VOLTAGE RATING, MAX 300V
  - E. D.C. RESISTANCE, MAX 22:3Ω/KM @ 20°C
  - F. IMPEDANCE, CHARACTERISTIC, NOM 100Ω±15 @ 1-100 MHZ 100Ω±5 @ 100MHZ
3. MODULAR PLUG:
  - A. UL APPLICATIONS: RATED 2A, 150V
  - B. RESISTANCE OF INSULATION: 5000 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 6 PATCH CABLE
  - B. JACKET: MATERIAL: PVC
    1. OVERALL DIAMETER: 0.149"±0.008"
5. CONDUCTOR:
  - A. INSULATION: HIGH DENSITY POLYETHYLENE
  - B. OVERALL DIAMETER: 0.38"±0.002"
  - C. AVERAGE THICKNESS: 0.007"
  - D. CONDUCTOR: 28 AWG (7X0.0124") UL RATED, BARE COPPER WIRE, STRANDED
  - E. PERFORMANCE RATING: CATEGORY 6
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, GN-GREEN, GY-GRAY,  
OR-ORANGE, RD-RED, WH-WHITE & YL-YELLOW



FREQUENCY (MHz)	Insertion loss (dB/100M)	NEXT (dB/100M)	PSNEXT (dB)	ACRF (dB/100)	PSACRF (dB/100M)	RL (dB)	TLC (dB)
1	3.9	74.3	74.3	67.8	64.8	20	50.0
4	7.4	65.3	65.3	55.8	52.8	23	44.0
100	38.6	44.3	44.3	27.8	24.8	19	30.0
250	64.1	38.3	38.3	19.8	16.8	15.6	26.0

ITEM NUMBER	L(FT)	TOLERANCE (IN)
ICPCSH01XX	1	±0.5"
ICPCSH03XX	3	±1"
ICPCSH05XX	5	±1"
ICPCSH07XX	7	±1"
ICPCSH10XX	10	±1.5"
ICPCSH15XX	14	±1.5"
ICPCSH20XX	20	±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