



Cat 6 UTP Copper Cable

Category 6 UTP cable meets ANSI/TIA-568-C.2 Category 6 and ISO 11801 2nd Edition Class E standards. The conductors are solid 23 AWG copper insulated with HDPE polymer. The copper conductors are twisted in pairs, separated by a cross divider and covered by PVC (CM or flame retardant CMR) jacket.



TECHNICAL INFORMATION

Electrical performance:	Certified performance in a 4-connector configuration up to 100 meters, meets ANSI/TIA-568-C.2 Category 6 and ISO 11801 2nd Edition Class E channel requirements
Conductor/Insulator:	23 AWG solid copper insulated with HPDE polymer
Flame rating:	PVC (CM) – UL 1685; PVC (CMR) – UL 1666
PoE compliance:	Meets IEEE 802.3af and IEEE 802.3at for PoE applications
Installation tension:	110N (25 lbf) maximum
Temperature rating:	0° to 50°C (32° to 122°F) during installation; -20° to 60°C (14° to 140°F) during operation
Cable jacket:	CM – PVC; CMR – Flame retardant PVC
Cable diameter:	5.6mm (0.222 in.) nominal
Cable weight:	CM – 12 kg/305m (26 lbs./1000 ft.); CMR – 13 kg/305m (28 lbs./1000 ft.)
Packaging:	305m (1000 ft.) easy-pay-out box; CM – 14 kg/305m (29 lbs./1000 ft.); CMR – 15 kg/305m (31 lbs./1000 ft.)

FEATURES & BENEFITS

- **Available with 25 Year Installation Warranty**
Confidence each box of cable delivers specified performance long term
- **Tangle resistant box**
Reduces installation time
- **Descending length cable markings**
Easy identification of remaining cable reduces installation time and cable scrap
- **Custom lengths**
Cable can be cut to custom lengths for kitting
- **No minimum quantities**
No pallet minimums even for harder to find colors

PART NUMBER

UL725-8XX (CM)

UL725P-8XX (CMR)

Replace XX with color code below:

Black	Gray	Green	Red	White
BK	GY	GN	RD	WT
Yellow	Blue	Orange	Purple	Pink
YL	BU	OR	PR	PK

APPLICATIONS

- Ethernet 10BASE-T, 100BASE-T (Fast Ethernet), and 1000BASE-T (Gigabit Ethernet)
- 10GBASE-T (10 Gigabit Ethernet) for limited distances
- 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM
- Token Ring 4/16
- Voice over internet protocol (VoIP)

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