



Category 6 – Cat6

Application:	Suitable for 10BASE-T, 100BASE-TX (Fast Ethernet), 1000BASE-T / 1000BASE-TX (Gigabit Ethernet), 10GBASE-T (10-Gigabit Ethernet) and ATM.
Conductor:	23 AWG
Nominal O.D.:	6.1mm ± 0.4mm
Temperature:	-20°C to +50°C
Nom. Insulation Dia.:	0.98mm ± 0.05mm
Pair Colours:	Blue, White/Blue, Orange, White/Orange, Green, White/green, Brown, White/Brown
Standards:	UL444, RoHS Complied, PE Jacket complies to EIA-568 and ISO/IEC 11801, AS/CA S008:2020
Greenstar:	Approved
Pack Length:	305m (Box)
Sheath Colours:	**Blue (BLU), Grey (GRY), Green (GRN), Red (RED), Yellow (YEL), Pink (PNK), Purple (PPL)
Part Number:	CAT6-BOX** (** denotes sheath colour)

Category 6A – Cat6A U/UTP LSZH

Application:	Supplies much better support for PoE++ (Power over Ethernet). Bandwidth close to double that of standard Cat.6 (500MHz). Cat.6A is highly recommended for Healthcare and Educational facilities. Cat.6A supports Wi-Fi technologies already exceeding 1Gbps. Cat.6A is backwards compatible and supports new in-building wireless systems that rely on 10G technology. Suitable for 10GBASE-T (up to 100m), 100BASE-TX (Fast Ethernet), 1000BASE-T / 1000BASE-TX (Gigabit Ethernet), 10GBASE-T (10-Gigabit Ethernet) and ATM.
Conductor:	23 AWG
Conductor Material:	Bare Solid Copper
Nominal O.D.:	7.2mm ± 0.15mm
Temperature:	-20°C to +75°C
Nom. Insulation Dia.:	1.06 ± 0.01mm
Insulation Material:	HDPE 8303
Insul. Thickness (avr.):	0.2375mm
Insul. Colours:	Pair 1: White + 2 x Blue Stripes & Blue (Blue, White/Blue) Pair 2: White + 2 x Orange Stripes & Orange (Orange, White/Orange) Pair 3: White + 2 x Green Stripes & Green (Green, White/Green) Pair 4: White + 2 x Brown Stripes & Brown (Brown, White/Brown)
Filler (Ripcord):	3*250D
Filler Cross Member:	HDPE
Sheath Material:	LSZH
Greenstar:	Approved
Pack Length:	305m (Box)
Sheath Colour :	Blue
Part Number:	CAT6A-BOXBLU

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