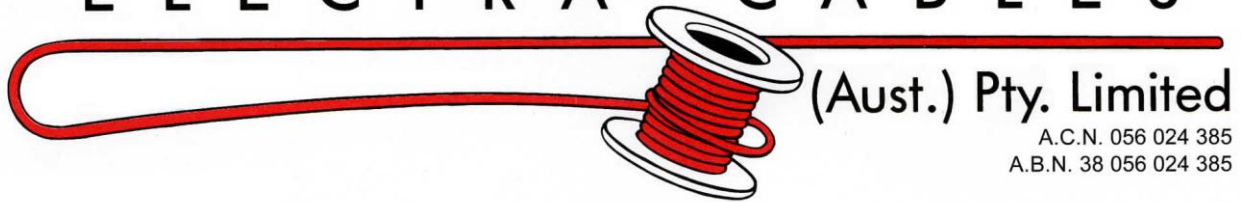
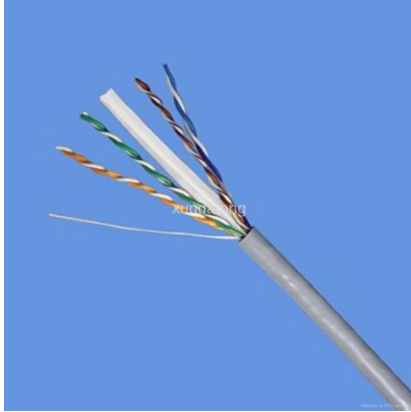


ELECTRA CABLES



(Aust.) Pty. Limited

A.C.N. 056 024 385
A.B.N. 38 056 024 385



Category 6 Cable – CAT6

Standard for Gigabit Ethernet and other network protocols that are backward compatible with the CAT5/5E and CAT3 cable standards. CAT6 features more stringent specifications for crosstalk and system noise.

Application: suitable for 10BASE-T, 100BASE-TX (Fast Ethernet), 1000BASE-T / 1000BASE-TX (Gigabit Ethernet) and 10GBASE-T (10-Gigabit Ethernet), ATM.

Standard Compliances: UL444, UL1581. RoHS complied PVC, PE Jacket. Complies to TIA/EIA -568B & ISO/IEC 11801

Conductor: Bare Copper 0.545mm
Nominal insulation Diameter: 0.97mm²
Delay Skew: ≤ 45ns/100m
Pair Colour: Brown-White, Blue-White, Orange-White, Green-White

Propagation Speed (≤m/s): 0.6C
Nominal O.D: 6.1mm
Installation temperature: -30°C ~ +50°C
Pack Length: 305m Box

Electrical Characteristics:

Frequency MHz	Impedance Ohm	RL ≥ dB	Attenuation ≤dB/100m	NEXT ≥dB/100m	ELFEXT ≥dB/100m	PS NEXT ≥dB/100m	PS ELFEXT ≥dB/100m
1	100±15	20.0	1.9	74.3	67.8	72.3	64.8
4		23.0	3.7	65.3	55.8	63.3	57.7
10		25.0	5.9	59.3	47.8	57.3	44.8
16		25.0	7.5	56.3	43.7	54.3	40.7
20		25.0	8.4	54.8	41.8	52.8	38.7
31.25		23.6	10.6	51.9	37.9	49.9	34.9
62.5		21.5	15.4	47.4	31.9	45.4	28.8
100		20.1	19.8	44.3	27.8	42.3	24.8
155		18.8	25.1	41.4	23.9	39.4	20.9
200		18.0	29.0	39.8	21.8	37.8	18.7
250	100±20	17.3	32.8	38.3	19.8	36.3	16.8
350		16.3	39.8	36.1	16.9	34.1	13.9