

NX-PT57C6

305 Mtr. UTP NETWORK CABLE, CCA CERTIFIED,
FLUKE TEST PASS



Key Feature

- Premium Solid Copper Construction
- Gigabit Data Transmission
- Durable PVC Jacket with Rip Cord
- Superior Electrical Performance



The Nexakey NX-PT57C6 Platinum Blue Cable is a premium-grade Cat6 solid copper network cable designed for professional installations that demand high performance and durability. Built with 23 AWG solid bare copper conductors and precision PE insulation, it delivers outstanding signal integrity and stable data transmission for high-speed networking applications. The durable PVC jacket provides superior protection and flexibility, while the integrated rip cord ensures quick, clean cable preparation. Supporting data speeds up to 1 Gbps Ethernet (IEEE 802.3), the NX-PT57C6 is the ideal solution for structured cabling, data centers, and enterprise

(MHZ)	loss (dB)	(dB/100m)	(dB)	(dB)	(dB)	(dB/100m)	(dB/100m)	(ns/100m)
0.772	19.4	1.8	76.0	74.0	74.0	70.0	67.0	575.0
1.0	20.0	2.0	74.3	72.0	72.3	67.8	64.8	570.0
4.0	23.0	3.8	65.5	61.0	63.3	55.8	52.8	552.0
8.0	24.5	5.3	60.8	55.0	58.8	49.7	46.7	546.7
10.0	25.0	6.0	59.3	53.0	57.3	47.8	44.8	545.4
16.0	25.0	7.6	56.2	49.0	54.2	43.7	40.7	543.0
20.0	25.0	8.5	54.8	46.0	52.8	41.8	38.8	542.0
25.0	24.3	9.5	53.3	44.0	51.3	39.8	36.8	541.2
31.25	23.6	10.7	51.9	41.0	49.9	37.9	34.9	540.4
62.5	21.5	15.4	47.4	32.0	45.4	31.9	28.9	538.6
100.0	20.1	19.8	44.3	24.5	42.3	27.8	24.8	537.6
200.0	18.0	29.0	39.8	10.8	37.8	21.8	18.8	536.5
250.0	17.3	32.8	38.3	5.5	36.3	19.8	16.8	536.3

Specification

Model	NX-PT57C6	
Category	Cat.6	
Reference standard	ANSI/TIA/EIA 568B.2 & ISO/IEC 11801 FLUKE TEST PASSED	
Fire resistance	CPR Fca	
Conductor	Material	Solid Bare Copper
	Diameter	0.52 ± 0.01 mm (23AWG)
Insulation	Material	HDPE
	Diameter	0.98 ± 0.05 mm
Sheath	Thickness	0.55 ± 0.1 mm
	Diameter	6.0 ± 0.3 mm
	Material	PVC
	Color	Blue
Rip-cord	Yes	
Separator	Yes	
Sheath physical properties	Before aging	Tensile strength ≥ 13.5 Mpa Elongation ≥ 150%
	Aging period	100 °C × 24 h × 10 d
	After aging	Tensile strength ≥ 12.5Mpa Elongation ≥ 125%
	Cold bend	20 ± 2°C × 4h, 8 × cable O.D, no visible cracks
Electrical Characteristics (20°C)	1.0-250.0 MHz impedance	100 ± 15 Ω
	1.0-250.0 MHz delay skew	≤ 45 ns/100 m
	DC resistance	≤ 20.5 Ω/100 m
	DC conductor resistance unbalance	≤ 5.0%
	Package dimension	400 mm (D) × 400 mm (W) × 240 mm (H)
	Weight	12.4 Kg
	Cable length	305 m
	Ambient temperature	-20 °C to 70 °C
	Operating voltage	57 V
Certification	CC, ROHS, CE, CPR, ISO	



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