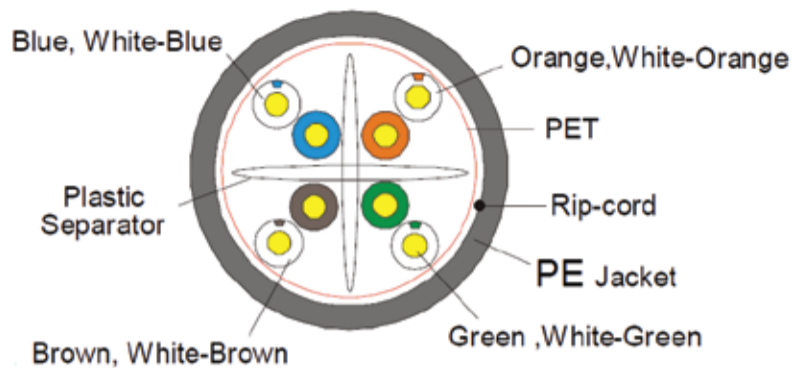
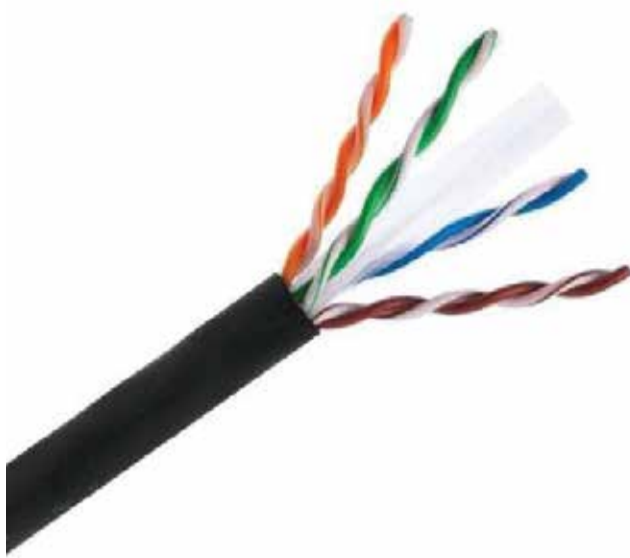


CAT6 U/UTP 23AWG PE OUTDOOR CABLE

(TN5003C6OD23PE)



Product Description

TEXA NETWORK Outdoor Category 6 U/UTP 4 Pair cables are manufactured and tested to the TIA/EIA 568-C2, EN50173-1 and ISO/ IEC 11801 Category 6 specifications. TEXA NETWORK Category 6 U/UTP 4 Pair cable is designed for 1Gbps Application and lesser Ethernet applications. Each cable consists of 8 colour coded 0.55mm HDPE insulated conductors. Each conductors are twisted together to form 4 pairs. TEXA NETWORK Outdoor CAT6 cable is designed for quick and easy installation in Outdoor environments where no special tools are required. CAT6 cable is supplied in “Drum” packaging for fast, snag free installation.

Features & Benefits

- Performance exceeding Category 6 specifications of 250MHz
- Performance compliance to ISO/IEC 11801 and ANSI/TIA-568-C2
- 0.55mm, Solid Bare Copper
- PE Sheath, Black
- 25 Years System Warranty

Standards Complied and Verified for Category 6 Cable Performance

- ISO/IEC 11801:2011 (Ed.2.2)
- ANSI/TIA-568-C2:2009
- EN 50173
- YD/T1019:2001

Specification

Overall Diameter (mm)	0.5	Max. DC Conductor Resistance	5.0
Sheath Thickness (mm)	0.60 ± 0.05	Unbalance (%)	
Sheath Surface	Clean, Frap, Satiation	Rip cord	Yes
Sheath Material	LDPE (RoHS Compliant)	Drain Wire	No
Insulation Material	HDPE	Shield	PET
Insulation Overall diameter (mm)	0.98 ± 0.03	Tensile Strength (Mpa)	≥ 10.0
Conductor Diameter (mm)	0.55 (± 0.005)	Before Aging Elongation (%)	≥ 350
Conductor Material	Solid Bare Copper	Aging Period (°C x rs)	100°C x 24h x 10d
Impedance (Ω) @ 1-250 MHz	100 ± 15 Ω	After Aging Elongation (%)	≥ 300
Delay Skew (ns/100m) @ 1 250 MHz	≤ 45	Cold bend (-20 ± 2 °C x 4h)	No visible cracks
Max. DC Resistance (Ω/100m)	9.5	Installation Temperature Range	-20°C to +75°C
		Operating Temperature Range	±30 C to +75°C
		Packing Length (Meters)	305 ± 1.5

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Freq. (MHz)	RL (Min. dB)	ATTN (Max. dB/100m)	NEXT (Min. dB)	PSNEXT (Min. dB)	ELFEXT (ACR-F) (Min. dB/100m)	PSELFEXT (PSACR-F) (Min. dB/100m)	Phase Delay (Max. ns)
1	20.0	2.03	74.3	72.3	67.8	64.8	570.00
4.0	23.0	3.78	65.3	63.3	55.8	52.8	552.00
8.0	24.5	5.32	60.8	58.8	49.7	46.7	547.00
10.0	25.0	5.95	59.3	57.3	47.8	44.8	545.00
16.0	25.0	7.55	56.2	54.2	43.7	40.7	543.00
20.0	25.0	8.47	54.8	52.8	41.8	38.8	542.00
25.0	24.3	9.51	53.3	41.3	39.8	36.8	541.00
31.25	23.6	10.67	51.9	49.9	37.9	34.9	540.00
62.5	21.5	15.38	47.7	45.4	31.9	28.9	539.00
100	20.1	19.80	44.3	42.3	27.8	24.8	538.00
200	18.0	28.98	39.8	37.8	21.8	18.8	537.00
250	17.3	32.85	38.3	36.3	19.8	16.8	536.00

Part Number

(TN5003C6OD23PE)	Horizontal Outdoor Cable, CAT6, U/UTP, 305m, PE Sheath, 23AWG, Black
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