CAT 6 UTP LAN OUTDOOR UV STABILISED CABLE - 305M ROLL ON A REEL: BLACK

Part # SLD.C6UTP.UV.BLACK

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CAT6 UV Stabilised, rugged sheath (not suitable for direct burial) with reasonable protection from elements as long as not immersed in water.

Protect your cables from the harsh Australian environment - from sun-damage, moisture, and possible corrosion resulting in electrical shorts and equipment deterioration. 4Cabling's CAT 6 UTP Outdoor 23AWG UV Stabilised cables shield wires and broadcast up to 550MHz for broadband video, meeting the telecommunications standards of EIA/TIA 568 C.2 for the construction of cable components and operations. These Category 6 outdoor cables transmit data across a copper distributed data interface (CDDI), optimal for great Gigabit Ethernet performance.

The CAT 6 cable is protected from outdoor hazards by a black UV jacket, marked with metre lengths to reduce constant measuring during installation. CAT6 UTP outdoor cables are perfect for maintaining your Ethernet or cable network set-up, and you can be at ease knowing it is working at maximum efficiency, carrying information at 155/622Mbps. When running cables between buildings or from an internal source to an external one, this CAT 6 outdoor cable will keep it safe and secure.

FEATURES

Unterminated
Bare Copper / 23AWG
Impedance Matched
23AWG Solid Copper Conductors
Metre marked Black UV stabilised jacket

CABLE SPECIFICATIONS

Cable Type: Cat6
Connectors: Un-terminated
Length: 305m
Colour: Black
Jacket Material: PE
Insulation Material: HDPE
Diameter: Nominal 5.8mm

APPLICATIONS

General Outdoor Application
1000BASE-T Gigabit Ethernet
10BASE-T, 100BASE-TX Fast Ethernet (IEEE 802.3)
100 VG - AnyLAN(IEEE802.12), 155/622 Mbps ATM
550MHz Broadband Video
Voice, T1, ISDN

For further information on our products please contact one of our knowledgeable sales team on 1300 855 235 or sales@4cabling.com.au

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CHARACTERISTICS

Conductor	Material / Size	Bare Copper / 23AWG
Insulation	Material	HDPE
	Thickness	Nominal: 0.227 mm
	Diameter	Nominal: 1.003 mm
	Colors	Blue/White-Blue Orange/White-Orange
		Green/White-Green Brown/White-Brown
	Unaged Elongation	Min. 300%
	Unaged Tensile Strength	Min. 1.683 Kgf/mm²
Jacket	Material	LDPE
	Thickness	Nominal: 0.4 mm
	Diameter	Nominal: 5.8 mm
	Color	Black
	Unaged Elongation	Min. 350%
	Unaged Tensile Strength	Min. 0.989 Kgf/mm²
	Aging at 100℃ for 168Hrs	Min. elongation retention: 50%
		Min. tensile strength retention: 75%

ELECTRICAL PERFORMANCES

Dielectric Strength of Insulation		2500 V dc / 2 seconds		
Attenuation & Near End Cross Talk	Frequency (MHz)	Max.Attenuation (dB/100 meters)	NEXT (dB), Min.	PSNEXT (dB), Min.
	1 MHz	1.9*	65.0*	62.0*
	4 MHz	3.5*	64.1*	61.8*
	10 MHz	5.5*	57.8*	55.5*
	16 MHz	7.0*	54.6*	52.2*
	20 MHz	7.9*	53.1*	50.7*
	31.25 MHz	10.0*	50.0*	47.5*
	62.5 MHz	14.4*	45.1*	42.7*
	100 MHz	18.6*	41.8*	39.3*
	200MHz	27.4*	36.9*	34.3*
	250MHz	31.1*	35.3*	32.7*

The asterisked (*) value are for information only. The minimum Next coupling loss for any pair combination at room temperature is to be greater than the value determined using the formula:

NEXT(f MHZ) ≧ NEXT(0.772)-15LOG10(f MHZ/0.772)dB

COMPLIANCES

All Proposed Category 6 requirements as per ANSI/TIA, ISO/IEC Standards
ANSI/TIA 568-C.2 CAT.6 and ISO/IEC 11801 CLASS E, 2nd Edition
RoHS compliant for the requirement of European Union issued Directive 2011/65/EU

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