

CAT6 DIRECT BURIAL W/ WATER PROOF TAPE 1000' WOODEN SPOOL



Intertek

PG. 1	<input type="checkbox"/> APPROVALS:	<input type="checkbox"/> DATE:	
	MARKETING		
	TECHNICAL		
	SALES		
	FINAL		

GENERAL INFORMATION ABOUT THIS PRODUCT:

MANUFACTURER:

REFERENCE:

DESCRIPTION:

Category 6 CMXT Direct Burial, STP w/Drain Wire, Waterproof Tape (Dry), 1000' 8-Conductor, Bulk, Black-Outdoor Jacket, AWG23 Solid-Bare Copper, Wooden Spool

ACCESSORIES INCLUDED WITH THIS PRODUCT:

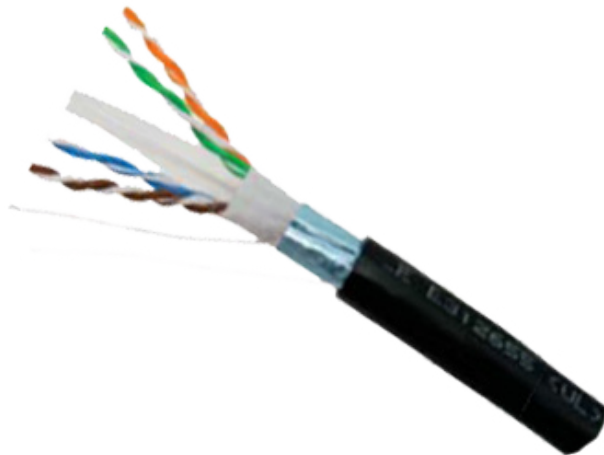
NONE

FEATURES AND BENEFITS:

- High-Performance Data Communications Cable
- Suitable for 600MHz High-Speed Data Applications, Gigabit Ethernet, Fast Ethernet and 155Mbps TP-PMD/CDDI
- Designed for Burial Installations
- Category 6 Shielded Twisted Pair (STP) Cable
- 4-Pair – Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- UV Rated Jacket (CMX), AL Foil & Water Proof Tape, for Outdoor Use with Drain Wire
- Excellent Attenuation and Crosstalk Characteristics
- Exceeds EIA/TIA 568 B.2-1, CAN/CSA -C22.2 No. 214
- ETL Listed
- Supplied in 1000' Wooden Spool



WOODEN SPOOL



CABLE

PG. 2	<input type="checkbox"/> P/N:	<input type="checkbox"/> PRODUCT: CAT6 DIRECT BURIAL W/ WATER PROOF TAPE
	<input type="checkbox"/> AUTHOR:	
	<input type="checkbox"/> DATE: 01/11	

TECHNICAL INFORMATION ABOUT THIS PRODUCT:

MANUFACTURER:

REFERENCE:

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TECHNICAL SPECS:

Rated Temperature (°C)	-40C~75C
Application	Horizontal Wiring in LAN
Reference Standard	EIA/TIA 568 & ISO/IEC 11801
Conductor	Solid Bare Copper
Size	23 AWG
Insulation	PE
Average Thickness (mm)	0.258
Min. Point Thickness (mm)	0.240
Insulation Diameter (±0.01mm)	1.10
Twisted Pair Diameter (±0.02mm)	2.20
Seperator	LDPE
Assembly Diameter	6.50
PE Tape	Coverage>125%
Waterblock Tape	Yes
Al-Foil	Yes
Drain Wire (Tinned Copper)	Yes
Jacket	LLDPE (UV)
Average Thickness (mm)	0.60
Min. Point Thickness (mm)	0.50
Outer Diameter (±0.30mm)	8.00
Rip Cord	Yes
Color	Black
Color of Pairs	
Pair 1	Blue,White-Blue
Pair 2	Orange,White-Orange
Pair 3	Green,White-Green
Pair 4	Brown,White-Brown
Mechanical Characteristics	
Test Object	Jacket
Test Material	LLDPE
Before Tensile Strength (Mpa)	>=13.8
Aging Elongation (%)	>=100
Aging Condition (°Cxhrs)	100x168
After Tensile Strength (Mpa)	>=85% of unaged
Aging Elongation (%)	>=50% of unaged
Cold Bend (-20±2° Cx4hrs)	No Crack

**PG.
3**

P/N:

PRODUCT: CAT6 DIRECT BURIAL W/ WATER PROOF TAPE

AUTHOR:

Cat5eCableGuy.Com
Where Quality Cable is on Sale!

DATE: 01/11

REV: 01

Marking

VERTICAL 4001453 cETLus VERIFIED STP 4PR 23AWG OUTDOOR DIRECT BURIAL
 UV LLDPE CAT6 600MHz TIA/EIA - 568.2-1 RoHSV1379P8299 XXXFT

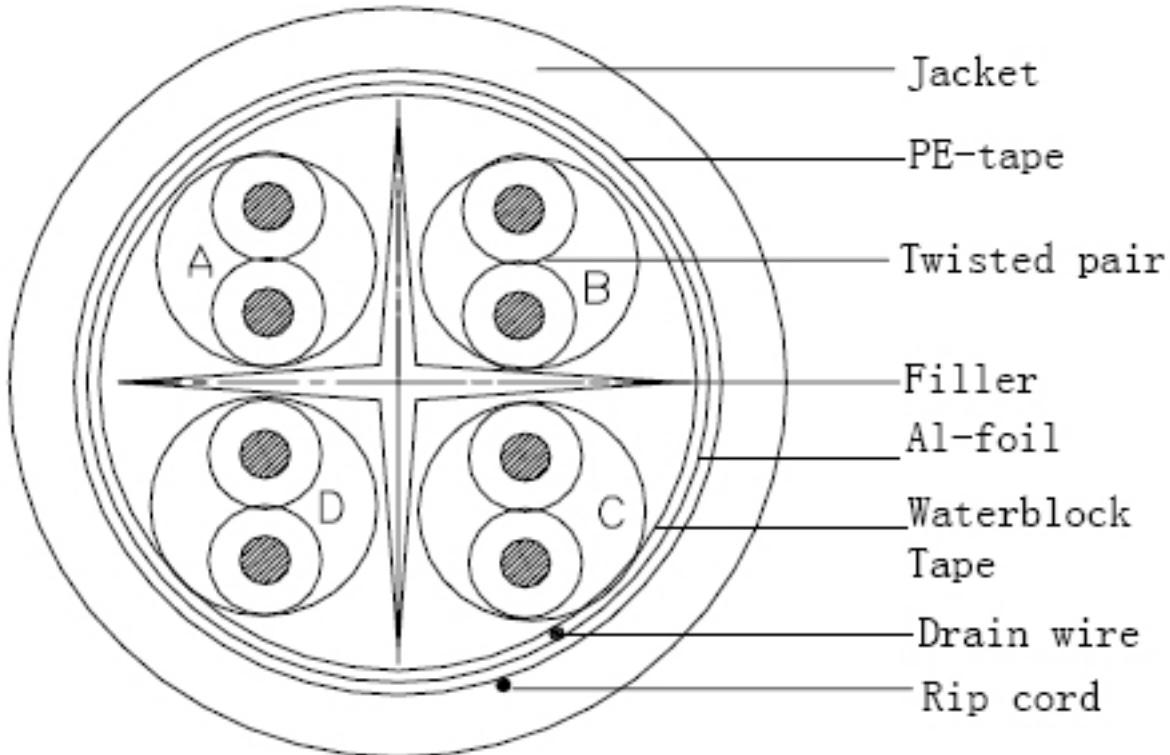
Electrical Characteristics:

1.0-100MHz Impedance (Ohms)	100±15
100-200MHz Impedance (Ohms)	100±22
1.0-550.0MHz Delay Skew (ns/100m)	<=45
Pair-to-Ground Capacitance Unbalance (pF/100m)	<=330
Max. Conductor DC Resistance 20°C (ohms/km)	<=73.2
Resistance Unbalance (%)	<=5

Electrical Performance

Frequency MHz	Attenuation dB	Return Loss dB	Next dB	Impedance 100±15	Frequency MHz	Attenuation dB	Return Loss dB	Next dB	Impedance 100±15
1	2.00	20.00	74.30	102.80	1	2.00	20.00	74.30	102.40
100	19.80	20.11	44.30	102.20	100	19.80	20.11	44.30	102.80
250	32.85	17.32	38.33	101.30	250	32.85	17.32	38.33	103.60
550	51.76	14.92	33.19	102.40	550	51.76	14.92	33.19	102.70
1	2.00	20.00	74.30	102.50	1	2.00	20.00	74.30	102.80
100	19.80	21.11	44.30	102.40	100	19.80	21.11	44.30	103.50
250	32.85	17.32	38.33	103.20	250	32.85	17.32	38.33	102.70
550	51.76	14.92	33.29	103.80	550	51.76	14.92	33.29	103.20

TECHNICAL DIAGRAM:



PG. 4	<input type="checkbox"/> P/N:	<input type="checkbox"/> PRODUCT: CAT6 DIRECT BURIAL W/ WATER PROOF TAPE
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