


CAT6 DIRECT BURIAL GEL FILLED (FLOODED CORE) 23AWG, UTP, 4 PAIR, SOLID 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 CMXF Direct Burial, Flooded Core, 1000' 8-Conductor, Bulk, Black-Outdoor Jacket, AWG23 Solid-Bare Copper.

ACCESSORIES INCLUDED WITH THIS PRODUCT:

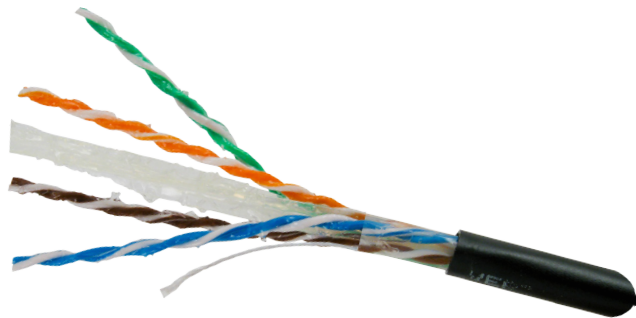
NONE

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 Direct Burial Installations
- UV Rated Jacket (CMX) for Outdoor Use with Flooded Core
- Category 6 Unshielded Twisted Pair (UTP) Cable
- 4-Pair – Easily Identified Color-Striped Pairs
- 23AWG Solid Bare Copper Conductors
- 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 FLOODED CORE
	<input type="checkbox"/> AUTHOR:	
	<input type="checkbox"/> DATE: 01/11	

TECHNICAL INFORMATION ABOUT THIS PRODUCT:

MANUFACTURER:

REFERENCE:

DESCRIPTION:

Category 6 CMXF Direct Burial, Flooded Core, 1000' 8-Conductor, Bulk, Black-Outdoor Jacket, AWG23 Solid-Bare Copper.

TECHNICAL SPECS:

Rated Temperature (°C)	70°C
Product Standard Certification	ETL
Application	Horizontal Wiring in LAN
Reference Standard	YD/T 1019-2001 UL Subject 444, EIA/TIA 568 & ISO/IEC 11801 IEC61156-5
Conductor	Solid Bare Copper
Size	23 AWG
Diameter (mm)	0.57
Insulation	PE
Average Thickness (mm)	0.22
Min. Point Thickness (mm)	0.198
Insulation Diameter (±0.01mm)	1.01
Twisted Pair Diameter (±0.02mm)	2.02
Seperator	PE
Assembly Diameter	5.20
Gel Filled	Yes
PE Tape	Coverage>125%
Jacket	LLDPE (UV)
Average Thickness (mm)	0.60
Min. Point Thickness (mm)	0.50
Outer Diameter (±0.10mm)	6.50
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 FLOODED CORE

AUTHOR:

Cat5eCableGuy.Com
Where Quality Cable is on Sale!

DATE: 01/11

REV: 01

Marking

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

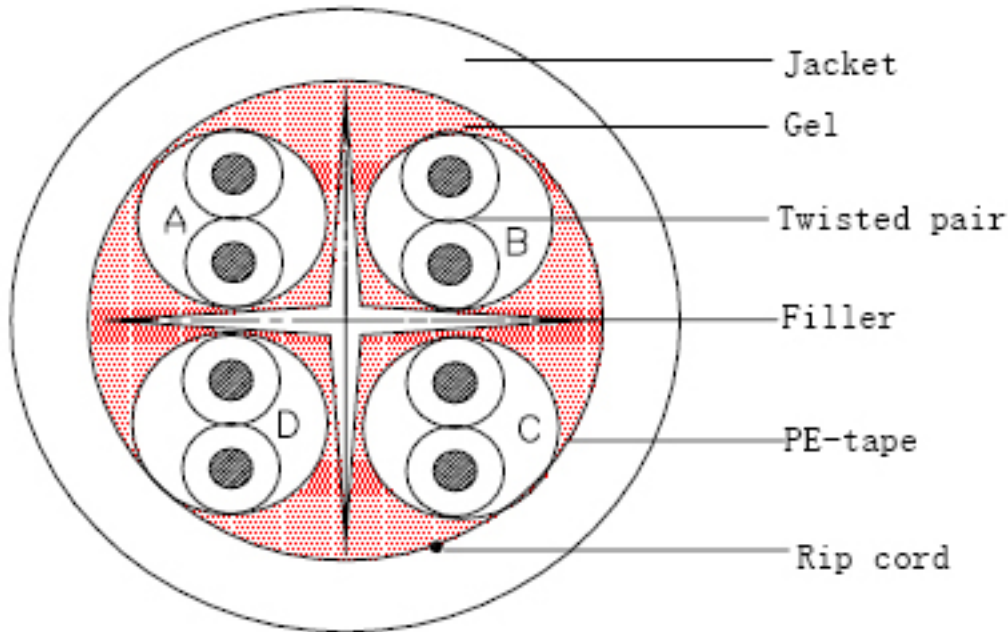
Electrical Characteristics:

1.0-100MHz Impedance (Ohms)	100±15
100-200MHz Impedance (Ohms)	100±25
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	1	2.00	20.00	74.30	102.30	2	1	2.00	20.00	74.30	101.90
	100	19.80	20.11	44.30	101.50		100	19.80	20.11	44.30	102.50
	250	32.85	17.32	38.33	102.60		250	32.85	17.32	38.33	102.40
	550	51.76	14.92	33.19	102.80		550	51.76	14.92	33.19	103.10
3	1	2.00	20.00	74.30	102.50	4	1	2.00	20.00	74.30	103.20
	100	19.80	21.11	44.30	101.80		100	19.80	21.11	44.30	102.80
	250	32.85	17.32	38.33	102.40		250	32.85	17.32	38.33	102.60
	550	51.76	14.92	33.29	103.20		550	51.76	14.92	33.29	103.50

TECHNICAL DIAGRAM:



PG. 4	<input type="checkbox"/> P/N:	<input type="checkbox"/> PRODUCT: CAT6 DIRECT BURIAL FLOODED CORE
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