



CAT6A F/UTP UV STABILIZED LDPE SOLID CORE GEL FILLED CABLE ROLL 305M: BLACK

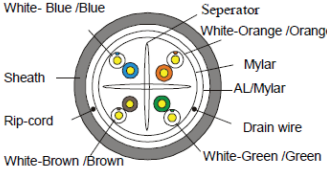
4Cabling's CAT6A F/UTP UV Stabilized LDPE Solid Core Gel Filled Cable is made from 100% bare copper and supplied on a sturdy wooden drum. Our cable is independently third-party tested and certified to ISO/IEC 11801, TIA/EIA-568-C.2; and is RoHS compliant.

Features

- Fully tested at 100M to 10GBASE-T (500MHz) ISO/IEC 11801, TIA/EIA-568-C.2, CAT6A standard
- Complies with RoHS standards
- Supports speeds of up to 10Gb/s for up to 100m
- UV Stabilized for aerial applications
- Gel Filled for direct burial applications
- Jacket Material: LDPE
- Colour: Black
- Length: 305m
- Gauge: 23AWG

Compliances

- ISO/IEC 11801, ANSI/TIA-568-C.2
- RoHS Compliant
- 1 Year Warranty

Category	F/UTP CAT6A-4P-PE								
Reference Standard	ISO/IEC 11801, TIA-568-C.2								
Conductor	Material	SOLID-Bare Copper							
	Nom. O.D. (mm)	0.565	up down	+0.005 -0.005					
Insulation	Material	HDPE							
	Diameter	1.12 ± 0.05 mm							
Screening Material	Mylar+ AL/Mylar								
Sheath	Thickness	0.60 ± 0.05mm			Technical Performance (100m):				
	External O.D.	7.4 ± 0.4 mm			Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
	Surface	Clean, Frap, Satiation			1	20.0	—	74.3	570.0
	Material	LDPE(complies RoHS)			4.0	23.0	3.8	65.3	552.0
	Color	Black			8.0	24.5	5.3	60.8	546.7
Surface Printing	Letter height	3.0 ± 0.3mm			10.0	25.0	5.9	59.3	545.4
	Color	White			16.0	25.0	7.5	56.2	543.0
	Print error & Space	≤± 0.5%, 1m			20.0	25.0	8.4	54.8	542.1
					25.0	24.3	9.4	53.3	541.2
Core Color	1 White- Blue /Blue			31.25	23.6	10.5	51.9	540.4	
	2 White- Orange /Orange			62.5	21.5	15.0	47.4	538.6	
	3 White- Green /Green			100	20.1	19.1	44.3	537.6	
Packing	4 White- Brown /Brown			200	18.0	27.6	39.8	536.5	
	Wooden Tray			250	17.3	31.1	38.3	536.3	
Dielectric Strength	DC 2500V 2S No Breakdown			300	16.8	34.3	37.1	536.1	
				500	15.2	45.3	33.8	535.6	
Packing length	(305±1.5)m								
Rip-cord	Yes	Drain wire	Yes	Frequency (MHz)	PSNEXT ≥dB	ELNEXT ≥dB	PSELFEXT ≥dB		
				1	72.3	68.0	65.0		
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0			4	63.3	56.0	53.0	
	Elongation(%)	≥350			8	58.8	49.9	46.9	
	Aging Period(℃×hrs)	100℃×24h×10d			10	57.3	48.0	45.0	
	After Aging Elongation(%)	≥300			16	54.2	43.9	40.9	
					20	52.8	42.0	39.0	
					25	51.3	40.0	37.0	
Electrical Characteristics (20℃)	Cold bend(-20±2℃×4h)	8×Cable O.D. No visible cracks			31.25	49.9	38.1	35.1	
	Impedance(Ω)	1.0-250.0MHz 100 ±15			62.5	45.4	32.1	29.1	
		250.0-500.0MHz 100 ±22			100	42.3	28.0	25.0	
		Delay Skew (ns/100m) ≤45			200	37.8	22.0	19.0	
	Unbalanced-to-ground capacitance (pF/100m) max	330			250	36.3	20.0	17.0	
	DC Resistance (Ω/100m) max	9.38			300	35.1	18.5	15.5	
	DC Conductor Resistance Unbalance (%) max	5.0			500	31.8	14.0	11.0	



GITC APPROVED

CONNECT & COLLECT LOCATIONS



4/201 Parramatta Road,
Homebush West NSW 2140

17/428 Old Geelong Road
Hoppers Crossing VIC 3029

2/1277 Lytton Road
Hemmant QLD 4174

1/9 Collingwood Street
Osborne Park WA 6017