



CAT6A S/FTP Solid Core Cable Roll 305m: 23AWG - Blue

4Cabling's category 6A Ethernet cable rolls are made from 100% Bare Copper. They are designed to be used in high data transmission and mission critical situations where data integrity and transfer speeds are of the utmost importance such as data centres.

CABLE SPECIFICATIONS:

Cable Type: Cat6A S/FTP

Colour: Blue

Connector Type: Unterminated

Cable Length: 305m

Jacket Material: PVC (Complies w/ RoHS)

External Diameter: 7.5mm

FEATURES:

- Fully tested at 100M to 10GBASE-T (500MHz) ISO/IEC 11801, TIA/EIA-568-C.2, YD/T 1019 CAT6A standard
- S/FTP - Each twisted pair is wrapped in foil tape and then overall wrapped in flexible yet strong braided shield. This type of shielding provides better grounding and helps prevent EMI from entering or exiting the cable and reduces crosstalk from adjacent pairs within the cable
- PVC Jacket
- Complies with RoHS standards
- 23AWG 100% solid bare copper conductors
- Supports speeds of up to 10Gb/s for up to 100m
- Colour: Blue
- Length: 305m

COMPLIANCES

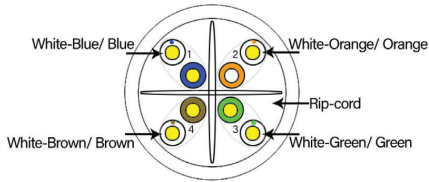
ISO/IEC 11801, TIA/EIA-568-C.2, YD/T 1019 RoHS Compliant



GITC APPROVED



CONSTRUCTION & CHARACTERISTICS:

Part #	SLD.C6ASFTP.BLUE								
Category	S/FTP-CAT6-4PLPVC								
Test Standard	ISO.IEC11801.TIA/568-C.2.YD/T1019								
Conductor	Material	SOLID Bare Copper			Technical Performance (100m):				
	Nom.O.D(mm)	0.56	up	0.005					
			down	-0.005	Frequency (MHz)	RL≥dB	ATT≤dB	NEXT≥dB	DELAY≤ns
Insulation	Material	Skin-foam-skin PE			1	20.0	2.1	74.3	570.0
	Diameter	1.330 ± 0.05mm			4.0	23.0	3.8	65.3	552.0
Inner Screening Material	Aluminium Mylar	Drain wire	TC0.45	8.0	24.5	5.3	60.8	546.7	
				10.0	25.0	5.9	59.3	545.4	
Outer Screening Material	Tinned Copper 0.10mm	Coverage	30%	16.0	25.0	7.5	56.2	543.0	
				20.0	25.0	8.4	54.8	542.1	
Sheath	Thickness	0.55 ± 0.05mm			25.0	24.3	9.4	53.3	541.2
	External O.D.	0.75 ± 0.05mm			31.25	23.6	10.5	51.9	540.4
	Surface	Clean			62.5	21.5	15.0	47.4	538.6
	Material	PVC			100	20.1	19.1	44.3	537.6
	Colour	Blue			200	18.0	27.6	39.8	536.5
Surface Printing	Letter height	3.0 ± 0.3mm			250	17.3	31.1	38.3	536.3
	Colour	Black			300	16.8	34.3	37.1	536.1
	Print error&space	≤ ± 0.5%. 1m			500	15.2	45.3	33.8	535.6
Core Colour	1White/Blue	2White/Orange		Frequency (MHz)	PSNEXT≥dB	ELFEXT≥dB	PSELFEXT≥dB		
	3White/Green	4White/Brown		1	72.3	67.8	64.8		
Length	305 ± 1.0mm				4.0	63.3	55.8	52.8	
Rip-cord	Yes				8.0	58.8	49.7	46.7	
Sheath Physical Properties	Before Aging Tensile Streng (Mpa)			≥ 10.0	10.0	57.3	47.8	44.8	
	Elongation (%)		≥ 125		16.0	54.2	43.7	40.7	
	Aging Period (°C x hrs)		100°Cx24hx7d		20.0	52.8	41.8	38.8	
	After Aging Tensile Streng (Mpa)			≥ 8.0	25.0	51.3	39.8	36.8	
	Elongation (%)		≥ 100		31.25	49.9	37.9	34.9	
	Cold bend (-20 ± 2°Cx4h) 8xCable O.D. No visible cracks				62.5	45.4	31.9	28.9	
Electrical Characteristics (20°C)	Delay Skew (ns/100m)			≤ 45	100	42.3	27.8	24.8	
	Nominal Velocity of Propagation (NVP)			74%	200	37.8	21.8	18.8	
	Unbalanced-to-ground capacitance 9pf/100m) max			330	250	36.3	19.8	16.8	
	DC Resistance (Ω/100m) max			9.38	300	35.1	18.3	15.3	
	DC Conductor Resistance Unbalance max			2.0%	500	31.8	13.8	10.8	



For more information, or if your requirements are not specified please call **1300 855 235** or email **sales@4cabling.com.au** and one of our experienced team members will help you.

