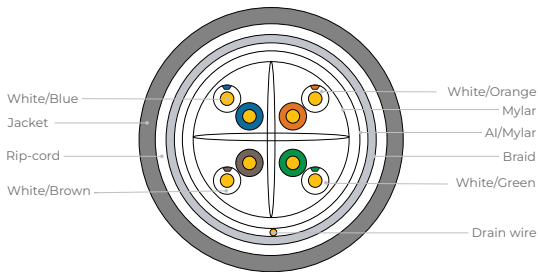


S/FTP 4Pairs Cable- Category 6-PE Sheath

Reference Standard- ISO/IEC11801, ANSI/TIA-568.2-D



Electrical Characteristics (20°C)

Impedance (Ω)	1.0-250.0MHz	100 $\pm$ 15 Ω
1.0-250.0MHz	Delay Skew 20°C(ns/100m)	$\leq$ 45
Unbalanced-to-ground capacitance (pf/100m) max		330
DC Resistance(Ω /100m) max		9.38
DC Conductor Resistance Unbalance (%) max		5.0

Technical Specifications

Conductor	Material	SOLID-Bare Copper			
	Nom.O.D.(mm)	0.565	Up	+0.005	
			Down	-0.005	
Insulation	Material	Skin-foam-skin PE			
	Diameter	1.330±0.05 mm			
Color	1 White/Blue	2 White/Orange			
	3 White/Green	4 White/Brown			
Inner Screening Material	AL/Mylar	Drain wire	Yes		
Outer Screening Material	Aluminum-magnesium alloy	Coverage	≥40%		
Outer Sheath	Thickness	0.55±0.05 mm			
	External O.D.	7.5±0.5 mm			
	Surface	Black			
	Material	LDPE(complies RoHS)			
	Color	Black			
Surface Printing	Letter Height	3.0±0.3mm			
	Color	White			
	Print Error & Space	≤ ± 0.5%, 1m			
Packing	Drum				
Wooden Tray dimension	According to the requires				
Packing length	305/500±1.5m				
Rip-cord	Yes				
Out Jacket Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0		
		Elongation (%)	≥350		
	Aging Period (°C X hrs)		100 °C ×24h×10d		
			Elongation (%)	≥300	
	Cold Bend (-20 ± 2°C X 4h)		8×Cable O.D., No visible cracks		

S/FTP 4Pairs Cable- Category 6-PE Sheath

Reference Standard- ISO/IEC11801, ANSI/TIA-568.2-D

Technical Performance (100m)

Frequency (MHz)	RL (≥ dB)	ATT (≤ dB)	NEXT (≥ dB)	Phase Delay (≤ ns)	PSNEXT (≥ dB)	ELFEXT (≥ dB)	PSELFEXT (≥ dB)
1	20.0	---	74.3	570.0	72.3	67.8	64.8
4	23.0	3.8	65.3	552.0	63.3	55.8	52.8
8	24.5	5.3	60.8	546.7	58.8	55.8	46.7
10	25.0	5.9	59.3	545.4	57.3	47.8	44.8
16	25.0	7.5	56.2	543.0	54.2	43.7	40.7
20	25.0	8.4	54.8	542.1	52.8	41.8	38.8
25	24.3	9.5	53.3	541.2	51.3	39.8	36.8
31.25	23.6	10.6	51.9	540.4	49.9	37.9	34.9
62.5	21.5	15.3	47.7	538.6	45.4	31.9	28.9
100	20.1	19.8	44.3	537.6	42.3	27.8	24.8
200	18.0	28.9	39.8	536.5	37.8	21.8	18.8
250	17.3	32.8	38.3	536.3	36.3	19.8	16.8