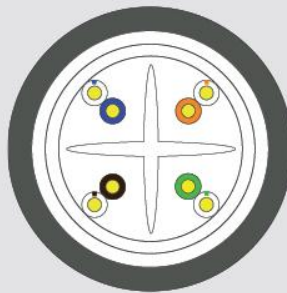




Technical Performance (100m.) :

Frequency (MHz)	RL ≥dB	ATT (20 °C) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.03	74.3	570.00	1	72.3	67.8	64.8
4.0	23.0	3.78	65.3	552.00	4	63.3	55.8	52.8
8.0	24.5	5.32	60.8	546.73	8	58.8	49.7	46.7
10.0	25.0	5.95	59.3	545.38	10	57.3	47.8	44.8
16.0	25.0	7.55	56.2	543.00	16	54.2	43.7	40.7
20.0	25.0	8.47	54.8	542.05	20	52.8	41.8	38.8
25.0	24.3	9.51	53.3	541.20	25	41.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	31.25	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	62.5	45.4	31.9	28.9
100	20.1	19.80	44.3	537.60	100	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	200	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	250	36.3	19.8	16.8

Content of the Data Sheet

<b>Category</b>	F/UTP CAT6-4P-LSZH			
<b>Test Standard</b>	ISO/IEC11801, TIA- 568-C.2, YD/T 1019			
<b>Conductor</b>	Material	Solid-Bare Copper		
	Nom.O.D.(mm)	0.570	up +0.005 down -0.005	
<b>Insulation</b>	Material	HDPE		
	Diameter	1.09±0.03 mm		
<b>Screening Material</b>	Aluminum Foil			
<b>Sheath</b>	Thickness	0.60±0.05mm		
	External O.D.	7.4±0.4 mm		
	Surface	Clean,Frap,Satiation		
	Material	LSZH / PVC		
<b>Surface Printing</b>	Color	According to the requires		
	Letter height	3.0±0.3mm		
	Print error & Space	< ± 0.5%, 1m		
<b>Core Color</b>	1 White- Blue /Blue	2 White-Orange /Orange		
	3 White-Green /Green	4 White- Brown /Brown		
<b>Packing</b>	Wooden Tray & Carton			
<b>Wooden Tray dimension</b>	According to the requires			
<b>Packing Length</b>	305±1.5m / 500±			
<b>Rip-Cord</b>	Yes	Drain Wire	Yes	
<b>Sheath Physical Properties</b>	Before Aging Tensile Strength (Mpa) ≥10.0 Elongation (%) ≥125			
	Aging Period (°C×hrs) 100°C × 24h × 7d			
	After Aging Tensile Strength(Mpa) ≥8.0 Elongation (%) ≥100			
	Cold bend(-20±2°C×4h) 8×Cable O.D.			
	1.0-250.0MHz Impedance ((Ω) 100±15			
	1.0-250.0MHz Delay Shew (ns/100m) ≤45			
	NVP 69%			
<b>Electrical Characteristics (20 °C)</b>	Capacitance(nF/100m) max: 5.6			
	Unbalanced-to-ground capacitance (pf/100m) max 330			
	DC Resistance (Ω/100m) max 9.38			
	DC Conductor Resistance Unbalance (%) max 5.0			

Art No

Product Description

FO-LC6-FTPP

FTP CAT6 PVC Cable

FO-LC6-FTPH

FTP CAT6 LSZH Cable

