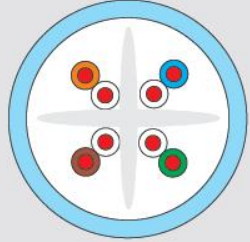




Technical Performance (100m) :

Frequency (MHz)	RL ≥dB	ATT(20 °C) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20.0	2.1	74.3	570.0	1	72.3	67.8	64.8
4.0	23.0	3.8	65.3	552.0	4	63.3	55.8	52.8
8.0	24.5	5.3	60.8	546.7	8	48.8	49.7	46.7
10.0	25.0	5.9	59.3	545.4	10	57.3	47.8	44.8
16.0	25.0	7.5	56.2	543.0	16	54.2	43.7	40.7
20.0	25.0	8.4	54.8	542.1	20	52.8	41.8	38.8
25.0	24.3	9.4	53.3	541.2	25	41.3	39.8	36.8
31.25	23.6	10.5	51.9	540.4	31.25	49.9	37.9	34.9
62.5	21.5	15.0	47.7	538.6	62.5	45.4	31.9	28.9
100	20.1	19.1	44.3	537.6	100	42.3	27.8	24.8
200	18.0	27.6	39.8	536.5	200	37.8	21.8	18.8
250	17.3	31.2	38.3	536.3	250	36.3	19.8	16.8
300	16.8	34.3	37.1	536.1	300	35.1	18.3	15.3
500	15.2	45.3	33.8	535.6	500	31.8	13.8	10.8

Content of the Data Sheet

<b>Category</b>	U/UTP CAT6A-4P-LSZH			
<b>Test Standard</b>	ISO/IEC 11801, TIA-568-C.2 YD/T1019			
<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	1.03 ± 0.03mm		
<b>Sheath</b>	Thickness	0.70 ± 0.05 mm (Avg.)		<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.
	External O.D.	7.6 ± 0.4 mm		
	Surface	Clean, Frap, Satiation		
	Material	LSZH		
<b>Surface Printing</b>	Color	According to the requires		<b>Electrical Characteristics (20 °C)</b> 1.0-250.0MHz Impedance (Ω) 100 ± 15 1.0-250.0MHz Delay Shew (ns/100m) ≤45 NVP 69% Capacitance (nF/100m) max: 5.6 DC Resistance (Ω/100m) max: 9.5 DC Conductor Resistance Unbalance (%) max 5.0
	Letter height	3.0 ± 0.3mm		
	Color	Black		
<b>Core Color</b>	Print error & Space	< ± 0.5%, 1m		
	1 White- Blue /Blue	2 White-Orange /Orange		
<b>Packing</b>	3 White-Green /Green	4 White- Brown /Brown		
	Wooden Tray & Carton			
<b>Carton Dimension</b>	40.5*40.5*21cm			
<b>Packing Length</b>	305±1.5m			
<b>Rip-Cord</b>	Yes	Drain Wire	No	
<b>Sheath Printing</b>	TTAF FO-LC6a-U/UTPH 4X2X23 AWG U/UTP CATEGORY 6A 500 MHZ LSZH CABLE ETL VERIFIED TO ANSI/TIA-568-C.2 IEC 60332-1 CE ROHS 2014/10 TFC6/2014-5-FR ****m mm/dd/yyyy			

Art No

Product Description

FO-LC6a-UUTPP

U/UTP CAT6a PVC Cable

FO-LC6a-UUTPH

U/UTP CAT6a LSZH Cable

