

Кабель CabelTorg U/FTP CAT6A 4P LSZH FR Solid Bare Copper RoHS

Test Standard	ISO/IEC11801 TIA/-568-C.2		
Conductor	Material	SOLID-Bare Copper	
	Nom.O.D.(mm)	0.560 ±0.005	
Insulation	Material	Skin-foam-skin PE	
	Diameter	1.330±0.05 mm	
Screening Material	Al/Mylar	Drainwire	Yes
Sheath	Thickness	0.55±0.05 mm	
	External O.D.	7.5±0.5 mm	
	Surface	Clean	
	Material	LSZH(complies RoHS) IEC60332-1	
	Color	TBD	
Surface Printing	Letter height	3.0±0.3mm	
	Color	Black	
	Print error & Space	±±0.5%, 1m	
Core Color	1 White/Blue	2 White/Orange	
	3 White/Green	4 White/Brown	
Packing	Drum, 500 m		
Rip-cordYes	Yes		
Sheath Physical Properties	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. No visible cracks		
Electrical Characteristics (20°C)	Impedance(Ω)	1.0-250.0MHz	100±15
		250.0-500.0MHz	100±22
	1.0-500.0MHz	Delay Skew (ns/100m)	≤45
	unbalanced-to-ground capacitance (pf/100m)max		330
	DC Resistance (Ω/100m) max		9.38
	DC Conductor Resistance Unbalance (%) max		5.0

Technical Performance (100m):
Frequency RL ATT NEXT PHASE
DELAY

(MHz)	≥dB	≤dB	≥dB	≤ns
1	20.0	—	74.3	570
4.0	23.0	3.8	65.3	552
8.0	24.5	5.3	60.8	547
10.0	25.0	5.9	59.3	545
16.0	25.0	7.5	56.2	543
20.0	25.0	8.4	54.8	542
25.0	24.3	9.4	53.3	541
31.25	23.6	10.5	51.9	540
62.5	21.5	15.0	47.4	539
100	20.1	19.1	44.3	538
200	18.0	27.6	39.8	537
250	17.3	31.1	38.3	536
300	16.8	34.3	37.1	536
400	15.9	40.1	35.3	536
500	15.2	45.3	33.8	536

Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	72.3	67.8	64.8
4	63.3	55.8	52.8
8	58.8	49.7	46.7
10	57.3	47.8	44.8
16	54.2	43.7	40.7
20	52.8	41.8	38.8
25	51.3	39.8	36.8
31.25	49.9	37.9	34.9
62.5	45.4	31.9	28.9
100	42.3	27.8	24.8
200	37.8	21.8	18.8
250	36.3	19.8	16.8
300	35.1	18.3	15.3
400	33.3	15.8	12.8
500	31.8	13.8	10.8

