

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	
Inner Screening Material	Al/Mylar	Drainwire	No
Outer Screening Material	Tinned copper	Coverage	≥30%
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	Wooden Tray, 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 (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns
1	20.0	—	74.3	570.0
4.0	23.0	3.8	65.3	552.0
8.0	24.5	5.3	60.8	546.7
10.0	25.0	5.9	59.3	545.4
16.0	25.0	7.5	56.2	543.0
20.0	25.0	8.4	54.8	542.1
25.0	24.3	9.4	53.3	541.2
31.25	23.6	10.5	51.9	540.4
62.5	21.5	15.0	47.4	538.6
100	20.1	19.1	44.3	537.6
200	18.0	27.6	39.8	536.5
250	17.3	31.1	38.3	536.3
300	16.8	34.3	37.1	536.1
500	15.2	45.3	33.8	535.6

Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	72.3	67.8	64.8
4	63.3	55.8	52.8
8	48.8	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
500	31.8	13.8	10.8

