



Category	FTP CAT5e-4P			Jacket Physical Properties	Before Aging Tensile Strength(Mpa)	≥13.5		
Test Standard	ISO/IEC11801、TIA-568C.2				Elongation(%)	≥150		
Conductor	Material	SOLID-Bare Copper			Aging Period(°C×hrs)	100°C×24h×7d		
	Nom.O.D.(mm)	0.510	Up +0.003 Down -0.003		After Aging Tensile Strength(Mpa)	≥12.5		
Insulation	Material	HDPE			Elongation(%)	≥125		
	Diameter	1.00±0.03mm			Coldbend(-20±2°C×4h)	No visible cracks		
Rip-cord	Yes	Drainwire 0.40mmTC			Impedance(Ω)	100±15		
Shield	AL Foil			Electrical Characteristics (20°C)	DelaySkew(ns/100m)	≤45		
Jacket	Thickness	0.55±0.05mm			NVP	73%		
	External O.D.	6.1±0.3mm			Capacitance(nf/100m) max	5.6		
	Material	PVC/LSZH			Pair to Ground Unbalance (pf/100m)max	330		
	Color	Color Code			DC Resistance 20°C(Ω/100m) max	9.5		
Packing	Pull Carton			Reel & Carton				
Dimension	40.5cm x 40.5cm x 21cm			33cm x 27.5cm x 33cm				
Packing length	305±1.5m			305±1.5m				
Technical Performance(100m):								
Frequency (MHz)	RL ≥dB	ATT(20°C) ≤dB	NEXT ≥dB	ACR ≥dB	Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1.0	20.0	2.0	65.3	63.3	1.0	62.3	63.8	60.8
4.0	23.0	4.1	56.3	52.2	4.0	53.3	51.8	48.8
8.0	24.5	5.8	51.8	46.0	8.0	48.8	45.7	42.7
10.0	25.0	6.5	50.3	43.8	10.0	47.3	43.8	40.8
16.0	25.0	8.2	47.2	39.0	16.0	44.4	39.7	36.7
20.0	25.0	9.3	45.8	36.5	20.0	42.8	37.8	34.8
25.0	24.3	10.4	44.3	33.9	25.0	41.3	35.8	32.8
31.25	23.6	11.7	42.9	31.2	31.25	39.9	33.9	30.9
62.5	21.5	17.0	38.4	21.4	62.5	35.4	27.9	24.9
100	20.1	22.0	35.3	13.3	100	32.3	23.8	20.8
Part No.	Item Description				Color Code			
C5EF11GY	CAT 5E FTP 4 PAIR CABLE				GREY (GY) BLUE (BU) RED (RD)			
C5EF13GY	CAT 5E FTP 4 PAIR LSZH CABLE				YELLOW (YL) WHITE (WH) GREEN (GR) ORANGE (OR) BLACK (BL) PURPLE (PL)			