

F/UTP 4Pairs cable-category 6-PE Sheath

ECA60FU305.0K23PE0

P/N: ZL-603-C6-004-00

Sheath Printing	It will be printed as customer's requirement with batch produce.								
Customer reference									
Category	F/UTP CAT6-4P-PE								
Test Standard	ISO/IEC11801、TIA- 568-C.2								
Conductor	Material	Solid Bare copper							
	Nom.O.D.(mm)	0.565	up	+0.005					
			down	-0.005					
Insulation	Material	HDPE							
	Diameter	1.12±0.05 mm							
Screening Material	Mylar+ AL/Mylar								
Sheath	Thickness	0.60±0.05mm			Technical Performance (100m):				
	External O.D.	7.5±0.4 mm			Frequency (MHz)	RL ≥dB	ATT(20°C) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
	Surface	Clean,Frap,Satiation			1	20.0	—	74.3	570.00
	Material	LDPE (complies RoHS)			4.0	23.0	3.78	65.3	552.00
	Color	Black			8.0	24.5	5.32	60.8	546.73
Surface Printing	Letter height	3.0±0.3mm			10.0	25.0	5.95	59.3	545.38
	Color	White			16.0	25.0	7.55	56.2	543.00
	Print error & Space	≤±0.5%, 1m			20.0	25.0	8.47	54.8	542.05
					25.0	24.3	9.51	53.3	541.20
Core Color	1 White- Blue /Blue	2 White-Orange /Orange			31.25	23.6	10.67	51.9	540.44
	3 White- Green /Green	4 White- Brown /Brown			62.5	21.5	15.38	47.7	538.55
Packing	Wooden drum+pallet				100	20.1	19.80	44.3	537.60
Wooden Tray dimension	According to the requires				200	18.0	28.98	39.8	536.54
Packing length	305±1.5m				250	17.3	32.85	38.3	536.27
Rip-cord	Yes	Drain wire	Yes		Frequency PSNEXT ELFEXT PSELFEXT				
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0			(MHz)	≥dB	≥dB	≥dB	
	Elongation(%)	≥350			1	72.3	67.8	64.8	
	Aging Period(°C × hrs)	100°C × 24h × 10d			4	63.3	55.8	52.8	
	After Aging Elongation(%)	≥300			8	58.8	49.7	46.7	
	Cold bend(-20±2°C×4h)	8×Cable O.D., No visible cracks			10	57.3	47.8	44.8	
Electrical Characteristics (20°C)	Delay Skew (ns/100m)	≤45			16	54.2	43.7	40.7	
	Velocity of Propagation (%)	68			20	52.8	41.8	38.8	
	unbalanced-to-ground capacitance (pf/100m)	max 330			25	51.3	39.8	36.8	
	DC Resistance (Ω/100m) max	9.38			31.25	49.9	37.9	34.9	
	DC Conductor Resistance Unbalance (%) max	5.0			62.5	45.4	31.9	28.9	