

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

P/N: 404539

Content of the Data Sheet

Sheath Printing		TBD									
Customer No.			Customer Reference				White- Blue /Blue Seperator White-Orange /Orange Mylar AL/Mylar Drain wire White-Green /Green White-Brown /Brown Rip-cord Sheath				
Category		F/UTP 23AWG CAT6-4P-LSZH									
Reference Standard		ISO/IEC11801 、ANSI/TIA-568.2-D									
Conductor		Material		SOLID-Bare Copper							
		Nom.O.D.(mm)		0.550	up	+0.005					
				down	-0.005						
Insulation		Material		HDPE							
		Diameter		1.10±0.08 mm							
Screening Material		Mylar+ AL/Mylar									
Sheath		Thickness		0.55±0.05mm			Technical Performance (100m) :				
		External O.D.		7.4±0.4mm			Frequency (MHz)	RL ≥dB	ATT (20℃) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
		Surface		Clean,Frap,Satiation			1	20.0	—	74.3	570.00
		Material		LSZH(complies RoHS)			4.0	23.0	3.78	65.3	552.00
		Color		TBD			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		Black			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 Tray & Carton					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					
Sheath Physical Properties		Before Aging		Tensile Strength (Mpa)		≥10.0					
				Elongation(%)		≥125					
		Aging Period (℃×hrs)		100℃×24h×7d							
		After Aging		Tensile Strength(Mpa)		≥8.0					
				Elongation(%)		≥100					
Electrical Characteristics (20℃)		1.0-250.0MHz		Impedance (Ω)		100±15					
		1.0-250.0MHz		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					
Version	A/02	Date	2024-01-10	Revised By	Caihanglie	Audited By	Nidonghua	Approved By	Nidonghua		