

F/UTP 4Pairs cable-category6-LSZH Sheath

P/N: LG2402-062

Content of the Data Sheet											
Sheath Printing		TBD									
Customer No.			Customer Reference		White- Blue /Blue Separator White-Orange /Orange Mylar AL/Mylar Drain wire White-Green /Green White-Brown /Brown Rip-cord Sheath						
Category		F/UTP CAT6-4P-LSZH(Dca,s2,d2,a1)									
Reference Standard		ISO/IEC11801 、ANSI/TIA-568.2-D									
Conductor		Material		SOLID-Bare Copper							
		Nom.O.D.(mm)		0.565						up	+0.005
				down	-0.005						
Insulation		Material		HDPE							
		Diameter		1.12±0.08 mm							
Screening Material		Mylar+ AL/Mylar									
Sheath		Thickness		0.55±0.05mm							
		External O.D.		7.4±0.4mm							
		Surface		Clean, Frap, Satiation							
		Material		FR-LSZH(complies RoHS)							
		Color		TBD							
Surface Printing		Letter height		3.0±0.3mm							
		Color		Black							
		Print error & Space		≤±0.5%, 1m							
Core Color		1 White- Blue /Blue			2 White-Orange /Orange						
		3 White- Green /Green			4 White- Brown /Brown						
Packing		Wooden Tray & Carton									
Wooden Tray dimension		According to the requires									
Packing length		305±1.5m									
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℃)		Cold bend(-20±2℃×4h)		8×Cable O.D., No visible cracks							
		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							
Reaction to fire Classification: Dca,s2,d2,a1											
Version	A/02	Date	2024-01-10	Revised By	Caihanglie	Audited By	Nidonghua	Approved By	Nidonghua		

umber	Revise Contents	Revise Reasons	Revised By	Audited By	Approved By	Date
A/01	Specification Version 1		Caihanglie	Nidonghua	Nidonghua	2017-08-25
A/02	Specification Version 2		Caihanglie	Nidonghua	Nidonghua	2024-01-10