

F/UTP 4Pairs cable-category6-FR LSZH Sheath

P/N: LG2402-055

Content of the Data Sheet									
Sheath Printing		TBD							
Customer No.			Customer Reference						
Category		F/UTP CAT6-4P-LSZH(B2ca)							
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					
Filling		Plastic Separator : FRPE							
Screening Material		Mylar+ AL/Mylar							
Sheath		Thickness		0.65±0.05mm					
		External O.D.		7.5±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)				≥9.0	
				Elongation (%)				≥100	
		Aging Period (℃×hrs)				100℃×24h×7d			
		After Aging		Tensile Strength (Mpa)				≥8.0	
				Elongation (%)				≥70	
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			
Reaction to fire Classification: B2ca,s1a,d1,a1					CPR Part no. G2402-051				
Version	A/02	Date	2024-01-10	Revised By	Caihangle	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