



TECHNICAL DATA SHEET

LAN Cable FTP Cat.6 23AWG 305M/Box

FTP 4Pairs cable-category 6-PVC Sheath

P/N:CL-23F-C6

Date	Author	Review	Approve	Version	Revision Declaration																																																																																				
2014-01-09	Paulchan	JackyLee	Peterlao	A0																																																																																					
Content of the Data Sheet																																																																																									
Sheath Printing	It will be printed as customer's requirement with batch produce.																																																																																								
Customer reference																																																																																									
Category	FTP CAT6-4P-PVC																																																																																								
Test Standard	ISO/IEC11801、TIA-568-C.2 YD/T 1019																																																																																								
Conductor	Material	SOLID-Bare Copper																																																																																							
	Nom.O.D.(mm)	0.565	up	+0.005																																																																																					
Insulation	Material	HDPE																																																																																							
	Diameter	1.12±0.04 mm																																																																																							
Screening Material	Mylar +Al/Mylar																																																																																								
Sheath	Thickness	0.60±0.05mm																																																																																							
	External O.D.	7.4±0.4 mm																																																																																							
	Surface	Clean,Frap,Satiation																																																																																							
	Material	PVC																																																																																							
	Color	Gray RAL7035																																																																																							
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±1.5)m																																																																																								
Rip-cord	Yes	Drain wire	Yes																																																																																						
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0																																																																																							
	Elongation(%)	≥125																																																																																							
	Aging Period (°C×hrs)	100°C×24h×7d																																																																																							
	After Aging Tensile Strength(Mpa)	≥8.0																																																																																							
	Elongation(%)	≥100																																																																																							
Electrical Characteristics (20°C)	1.0-250.0MHz Impedance (Ω)	100±15																																																																																							
	1.0-250.0MHz Delay Shew (ns/100m)	≤45																																																																																							
	unbalanced-to-ground capacitance (pf/100m)max	330																																																																																							
	DC Resistance (Ω/100m) max	9.5																																																																																							
	DC Conductor Resistance Unbalance (%) max	5.0																																																																																							
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