

## 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																																																																		
			down	-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																																																																				
	After Aging Tensile Strength(Mpa)	≥8.0																																																																				
	Elongation(%)	≥100																																																																				
	Cold bend(-20±2°C×4h)	8×Cable O.D., No visible cracks																																																																				
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																																																																				
<b>Technical Performance (100m):</b>																																																																						
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