



Product Description: FTP Cat 5e Rate Temperature: 60 °C ,75 °C Reference Standard: ANSI/TIA-568 -B.2 Flame Test:CMG Installation Temperature:-20~+75		Application: 100 Base-TX 100 Base-T 100VG-AnyLAN 1000 Base-T(Gigabit Ethernet) 1000 Base-TX		
Data Sheet				
<b>General</b>	FTP Cat 5e 4P 24AWG PVC			
<b>Test Standard</b>	ISO/IEC11801, TIA-568-C.2			
<b>Conductor</b>	Material	Solid-Bare Copper		
	O.D(mm)	1/0.50 ± 0.008mm		
<b>Insulation</b>	Material	HDPE		
	O.D(mm)	1.08 ± 0.05mm		
<b>Pairs</b>	1	White-Blue/Blue		
	2	White-Orange/Orange		
	3	White-Green/Green		
	4	White-Brown/Brown		
<b>Separator</b>	Size(mm)	No		
<b>Shielding Layer</b>	Material	Mylar+Aluminum Foil		
<b>Drain Wire</b>		Yes(1/0.32CCA)		
<b>Rip Cord</b>		Yes(250D*3)		
<b>Inner jacket</b>	Thickness	0.50 ± 0.05 mm		
	Outer O.D	6.2 ± 0.20mm		
	Material	PVC		
<b>Outer jacket</b>	Thickness	0.60 ± 0.05 mm		
	Outer O.D	7.4 ± 0.20mm		
	Material	LSZH		
<b>Electrical Characteristics</b>			1--100MHZ Impedance 100±15Ω	
			Delay Shew(ns/100m) ≤ 45/100m	
			Tensile Strength 100N	
			Capacitance ≤ 5.6nF/100m	
			Conductor Resistance: ≤ 99. 4Ω /km at 20	
			Insulation Resistance: ≥ 5000 MOhm.km at 20°C	
<b>Sheath Physical Properties</b>			Tensile before aging ≥ 13.5mpa	
			Elongation(%) ≥ 150%	
			Aging Period(*hrs) 100*24h*7d	
			Tensile after aging(MPA) ≥ 12.5	
		Elongation(%) ≥ 125%		
		Cold Bend(-20 ± 2°C *4hrs)		
<b>Packing</b>	Wooden Tray			
<b>Carton Dimension</b>				
<b>Packing Length</b>	Standard 305 ± 1.5m			

°C

