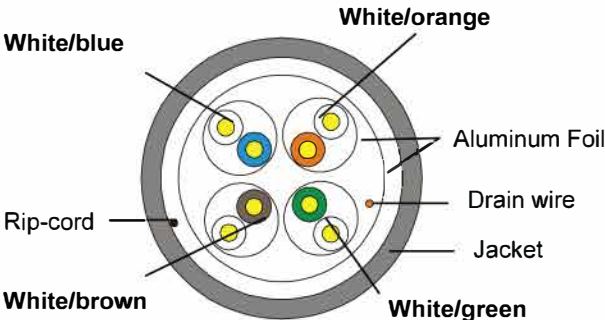


F/FTP 4Pairs cable-category 7-PVC Sheath

P/N: 907118

Customer Reference										
Category	F/FTP CAT7-4P-PVC									
Reference Standard	ISO/IEC11801、TIA/568-C.2、IEC61156-5									
Conductor	Material	SOLID-Bare Copper								
	Nom.O.D.(mm)	0.560	up	+0.005						
			down	-0.005						
Insulation	Material	Skin-foam-skin PE								
	Diameter	1.330±0.05 mm								
Screening Material	Aluminum Foil	Drain wire	Yes							
Sheath	Thickness	0.55±0.05 mm			Technical Performance (100m):					
	External O.D.	7.5±0.4 mm			Frequency RL ATT NEXT PHASE DELAY					
	Surface	Clean			(MHz) ≥dB ≤dB ≥dB ≤ns					
	Material	PVC(complies RoHS)			1.0 20.0 — 78.0 570.0					
	Color	Multiple			4.0 23.0 3.74 78.0 552.0					
Surface Printing	Letter height	3.0±0.3mm			8.0 24.5 5.24 78.0 546.7					
	Color	Black			10.0 25.0 5.86 78.0 545.4					
	Print error & Space	≤±0.5%, 1m			16.0 25.0 7.41 78.0 543.0					
Core Color (With striped color)	1 White/Blue	2 White/Orange			20.0 25.0 8.29 78.0 542.0					
	3 White/Green	4 White/Brown			25.0 24.3 9.29 78.0 541.2					
Packing	Wooden Tray				31.25 23.6 10.41 78.0 540.4					
Wooden Tray dimension	According to the requires				62.5 21.5 14.88 75.5 538.6					
Packing length	305±1.0m				100 20.1 19.02 72.4 537.6					
Rip-cord	Yes				150 18.9 23.56 69.8 536.9					
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5			200 18.0 27.47 67.9 536.5					
	Elongation (%)	≥150			250 17.3 30.97 66.4 536.3					
	Aging Period (°C×hrs)	100°C×24h×7d			300 17.3 34.19 65.2 536.1					
	After Aging Tensile Strength (Mpa)	≥12.5			600 17.3 50.10 60.7 535.5					
	Elongation (%)	≥125			Frequency PSNEXT ELFEXT PSELFEXT					
Electrical Characteristics (20°C)	Cold bend (-20±2°C×4h) 8×Cable O.D. No visible cracks				(MHz) ≥dB ≥dB ≥dB					
	Impedance(Ω): (1-100MHz) 100±15Ω				1 75.0 78.0 75.0					
	(100-250MHz) 100±18Ω				4 75.0 78.0 75.0					
	(250-600MHz) 100±25Ω				8 75.0 75.9 72.9					
	Delay Skew (ns/100m) ≤25				10 75.0 74.0 71.0					
	Velocity of Propagation (%) 74				16 75.0 69.9 66.9					
	unbalanced-to-ground capacitance (pf/100m) max 330				20 75.0 68.0 65.0					
DC Resistance (Ω/100m) max 9.38				25 75.0 66.0 63.0						
DC Conductor Resistance Unbalanc (%) max 2.0				31.25 75.0 64.1 61.1						
				62.5 72.5 58.1 55.1						
				100 69.4 54.0 51.0						
				150 66.8 50.2 47.2						
				200 64.9 48.0 45.0						
				250 63.4 46.0 43.0						
				300 62.2 44.5 41.5						
				600 57.7 38.4 35.4						