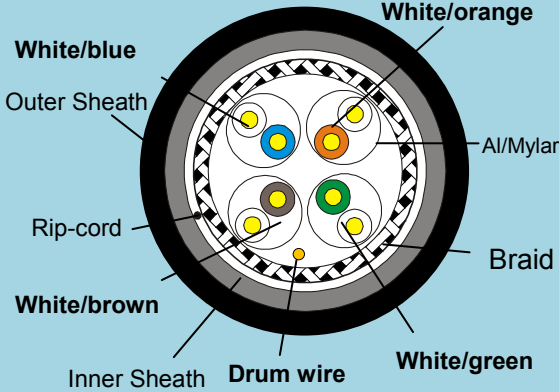


TECHNICAL DATA SHEET

S/FTP 4Pairs cable-category 7-PVC+PE Sheath

P/N: 907153

Content of the Data Sheet

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Sheath Printing	TBD									
Customer No.		Customer Reference								
Category	S/FTP-CAT7-4P-PVC+PE-AM30									
Reference Standard	ISO/IEC11801、TIA/568-C.2									
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								
Inner Screening Material	Al/Mylar	Drain wire		Yes						
Outer Screening Material	Aluminum-magnesium alloy 0.12mm		Coverage	≥40%		Technical Performance (100m):				
Inner Sheath	Material	PVC	Color	TBD		Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
	Thickness	0.55±0.05 mm				1.0	20.0	—	78.0	570.0
Outer Sheath	Thickness	0.60±0.05 mm				4.0	23.0	3.74	78.0	552.0
	External O.D.	8.8±0.5 mm				8.0	24.5	5.24	78.0	546.7
	Surface	Clean				10.0	25.0	5.86	78.0	545.4
	Material	LDPE(complies RoHS)				16.0	25.0	7.41	78.0	543.0
	Color	Black				20.0	25.0	8.29	78.0	542.0
						25.0	24.3	9.29	78.0	541.2
Surface Printing	Letter height	3.0±0.3mm				31.25	23.6	10.41	78.0	540.4
	Color	White				62.5	21.5	14.88	75.5	538.6
	Print error & Space	≤±0.5%, 1m				100	20.1	19.02	72.4	537.6
						150	18.9	23.56	69.8	536.9
Core Color	1 White/Blue		2 White/Orange			200	18.0	27.47	67.9	536.5
	3 White/Green		4 White/Brown			250	17.3	30.97	66.4	536.3
Packing	Drum					300	17.3	34.19	65.2	536.1
						600	17.3	50.10	60.7	535.5
Wooden Tray dimension	According to the requires					Frequency PSNEXT ELFEXT				
Packing length	305±1.5m					(MHz)	≥dB	≥dB	≥dB	
Rip-cord	Yes					1	75.0	78.0	75.0	
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)			≥10.0	4	75.0	78.0	75.0	
		Elongation (%)			≥350	8	75.0	75.9	72.9	
	Aging Period (°C ×hrs)		100°C×24h ×10d			10	75.0	74.0	71.0	
	After Aging	Elongation (%)			≥300	16	75.0	69.9	66.9	
	Cold bend (-20±2°C ×4h)		No visible cracks			20	75.0	68.0	65.0	
						25	75.0	66.0	63.0	
						31.25	75.0	64.1	61.1	
Electrical Characteristics (20℃)	Impedance(Ω) : (1-100MHz)		100±15Ω			62.5	72.5	58.1	55.1	
	(100-250MHz)		100±18Ω			100	69.4	54.0	51.0	
	(250-600MHz)		100±25Ω			150	66.8	50.2	47.2	
	Delay Skew (ns/100m)		≤25			200	64.9	48.0	45.0	
	Unbalanced-to-ground capacitance(pf/100m)max		330			250	63.4	46.0	43.0	
	DC Resistance (Ω/100m) max		9.38			300	62.2	44.5	41.5	
	DC Conductor Resistance Unbalance (%) max		5.0			600	57.7	38.4	35.4	
Version	A/01	Date	2018-03-15	Revised By	Caihangle	Audited By	Nidonghua	Approved By	Nidonghua	