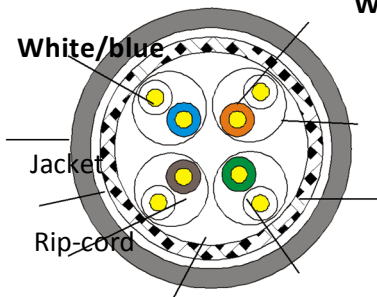




S/FTP 4Pairs cable-category 7-PVC Sheath

P/N: G2602-018

Content of the Data								
Sheath Printing	TBD							
Customer No.		Customer Reference						
Category	S/FTP-CAT7-4P-PVC-AM30							
Reference Standard	ISO/IEC 61156-5;EN 50288-4							
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	Al/Mylar	Drain wire	Yes					
Outer Screening	Aluminum-	Coverage	≥30%					
Sheath	Thickness	0.55±0.05 mm		Technical Performance (100m):				
	External O.D.	7.6±0.5 mm		Frequency RL	ATT	NEXT	PHASE	
	Surface	Clean,Frap,Satiation		DELAY (MHz)	≥dB	≤dB	≥dB	
	Material	PVC(complies RoHS)		≤ns				
	Color	TBD		1.0	20.0	—	78.0	570.0
Surface Printing	Letter height	3.0±0.3mm		4.0	23.0	3.74	78.0	552.0
	Color	Black		8.0	24.5	5.24	78.0	546.7
	Print error &	≤±0.5%, 1m		10.0	25.0	5.86	78.0	545.4
				16.0	25.0	7.41	78.0	543.0
				20.0	25.0	8.29	78.0	542.0
Core Color	1 White/Blue	2 White/Orange		25.0	24.3	9.29	78.0	541.2
	3 White/Green	4 White/Brown		31.25	23.6	10.41	78.0	540.4
Packing	Drum			62.5	21.5	14.88	75.5	538.6
Wooden Tray dimension	According to the requires			100	20.1	19.02	72.4	537.6
Packing length	305±1.0m			150	18.9	23.56	69.8	536.9
Rip-cord	Yes			200	18.0	27.47	67.9	536.5
				250	17.3	30.97	66.4	536.3
				300	17.3	34.19	65.2	536.1
				600	17.3	50.10	60.7	535.5
				Frequency	PSNEXT	ELFEXT		
					PSELFEXT (MHz)	≥dB		≥dB
					≥dB			
				1	75.0	78.0		75.0
				4	75.0	78.0		75.0
				8	75.0	75.9		72.9

Sheath	Before Aging Tensile Strength (Mpa)					10	75.0	74.0	71.0
	≥13.5					16	75.0	69.9	66.9
	Aging Period (°C×hrs) 100°C×24h×7d					20	75.0	68.0	65.0
	After Aging Tensile Strength (Mpa) ≥12.5					25	75.0	66.0	63.0
Physical Properties	Cold bend (-20±2°C×4h) 8×Cable O.D., No					31.25	75.0	64.1	61.1
						62.5	72.5	58.1	55.1
Electrical Characteristics (20°C)	Impedance(Ω) : (1-100MHz)					100	69.4	54.0	51.0
	100±					150	66.8	50.2	47.2
	15Ω (100-					200	64.9	48.0	45.0
						250	63.4	46.0	43.0
Characteristics	Delay Skew (ns/100m) <25					300	62.2	44.5	41.5
	Velocity of Propagation (%) 74					600	57.7	38.4	35.4
	unbalanced-to-ground capacitance (pf/100m)								
	DC Resistance (Ω/100m) max 9.38								
DC Conductor Resistance Unbalanc (%) max									
Version	A/01	Date	2017-08-	Revised	Caihangli	Audited	Nidongh	Approved	Nidonghu