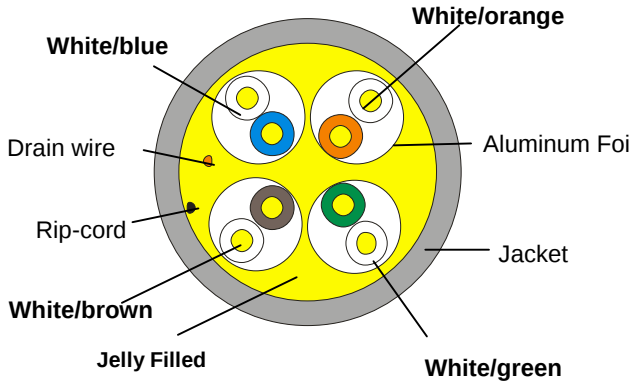


U/FTP-ZST 4Pairs cable-category 6A-PE Sheath

Content of the Data Sheet

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Part No.		NCC6ASLDGEL								
Category		U/FTP-ZST CAT6A-4P-PE								
Reference Standard		ISO/IEC11801 、TIA-568-C.2								
Conductor		Material		SOLID-Bare Copper						
		Nom.O.D.(mm)		0.560	up down					
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.		7.4±0.4 mm		Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
		Surface		Clean		1	20.0	—	74.3	570
		Material		LDPE(complies RoHS)		4.0	23.0	3.8	65.3	552
		Color		Black		8.0	24.5	5.3	60.8	547
Surface Printing		Letter height		3.0±0.3mm		10.0	25.0	5.9	59.3	545
		Color		White		16.0	25.0	7.5	56.2	543
		Print error & Space		≤±0.5%, 1m		20.0	25.0	8.4	54.8	542
						25.0	24.3	9.4	53.3	541
Core Color (With striped color)		1 White/Blue		2 White/Orange		31.25	23.6	10.5	51.9	540
		3 White/Green		4 White/Brown		62.5	21.5	15.0	47.4	539
Packing		Drum				100	20.1	19.1	44.3	538
Wooden Tray dimension		According to the requires				200	18.0	27.6	39.8	537
Packing length		305±1.5m				250	17.3	31.1	38.3	536
Rip-cord		Yes				300	16.8	34.3	37.1	536
Sheath Physical Properties		Before Aging		Tensile Strength (Mpa)		400	15.9	40.1	35.3	536
				Elongation (%)		500	15.2	45.3	33.8	536
		Aging Period (℃×hrs)		100℃×24h×10d		Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
		After Aging		Elongation (%)		1	72.3	67.8	64.8	
		Cold bend (-20±2℃×4h)		No visible cracks		4	63.3	55.8	52.8	
Electrical Characteristics (20℃)		Impedance(Ω)		1.0-250.0MHz		8	58.8	49.7	46.7	
				100±15		10	57.3	47.8	44.8	
		1.0-500.0MHz		Delay Skew (ns/100m)		16	54.2	43.7	40.7	
		unbalanced-to-ground capacitance(pf/100m)max		330		20	52.8	41.8	38.8	
		DC Resistance (Ω/100m) max		9.38		25	51.3	39.8	36.8	
		DC Conductor Resistance Unbalance (%) max		5.0		31.25	49.9	37.9	34.9	
Version		A/01		Date		2017-11-28		Revised By		Caihangle
								Audited By		Nidonghua
								Approved By		Nidonghua