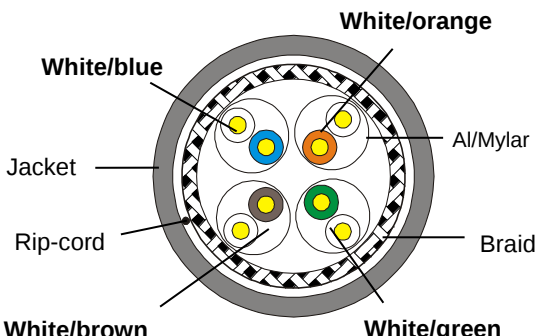


Cat.7A S/FTP Installation Cable

P/N: 404563

Content of the Data Sheet

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Sheath Printing		TBD									
Customer No.			Customer Reference								
Category		S/FTP-CAT7A-4P-LSZH-TC30((Dca-s2-d2-a1)									
Reference Standard		ISO/IEC 61156-5;EN 50288-4									
Conductor		Material		SOLID-Bare Copper							
		Nom.O.D.(mm)		0.620							up down
Insulation		Material		Skin-foam-skin PE							
		Diameter		1.450±0.08 mm							
Inner Screening Material		Al/Mylar		Drain wire		No					
Outer Screening Material		Tinned copper			Coverage		≥30%				
Sheath		Thickness		0.55±0.05 mm							
		External O.D.		7.9±0.5 mm							
		Surface		Clean							
		Material		FR-LSZH(complies RoHS)							
		Color		TBD							
Surface Printing		Letter height		3.0±0.3mm							
		Color		Black							
		Print error & Space		≤±0.5%, 1m							
Core Color		1 White/Blue			2 White/Orange						
		3 White/Green			4 White/Brown						
Packing		Drum									
Wooden Tray dimension		According to the requires									
Packing length		305±1.5m									
Rip-cord		Yes									
Sheath Physical Properties		Before Aging		Tensile Strength (Mpa)		≥10.0					
				Elongation (%)		≥125					
		Aging Period (°C×hrs)		100°C×24h×7d							
		After Aging		Tensile Strength (Mpa)		≥8.0					
				Elongation (%)		≥100					
		Cold bend (-20±2°C×4h)		8×Cable O.D., No visible cracks							
Electrical Characteristics (20°C)		Impedance(Ω) :									
		(1-100MHz)		100±15Ω							
		(100-250MHz)		100±18Ω							
		(250-600MHz)		100±25Ω							
		(600-1000MHz)		100±30Ω							
		Delay Skew (ns/100m)		≤25							
		Velocity of Propagation (%)		74							
		unbalanced-to-ground capacitance (pf/100m) max		330							
DC Resistance (Ω/100m) max		9.38									
DC Conductor Resistance Unbalanc (%) max		2.0									
Reaction to fire Classification: Dca,s1,d2,a1											
Version	A/02	Date	2024-12-17	Revised By	Hanjunkang	Audited By	Caihanglie	Approved By	Nidonghua		