

Cat.7 S/FTP Installation Cable

P/N: 404551_52_53

Content of the Data Sheet

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Sheath Printing	TBD									
Customer No.		Customer Reference								
Category	SD S/FTP-CAT7-4P-LSZH-TC30(Dca-s2,d2,a1)									
Reference Standard	IEC 61156-5; EN 50288-4-1									
Conductor	Material	SOLID-Bare Copper								
	Nom.O.D.(mm)	0.550	up	+0.005						
			down	-0.005						
Insulation	Material	Skin-foam-skin PE								
	Diameter	1.280±0.05 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.	7.1±0.5 mm								
	Surface	Clean,Frap,Satiation								
	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						
	Delay Skew (ns/100m)			≤25						
	Velocity of Propagation (%)			78						
	unbalanced-to-ground capacitance (pf/100m) max			160						
	DC Resistance (Ω/100m) max			9.38						
	DC Conductor Resistance Unbalanc (%) max			2.0						
Reaction to fire Classification: Dca-s2-d2-a1					CPR Part no. G2602-163					
Acceptance criterion:FLUKE Permanent link test(ISO11801 PL Class F)≤90m, pass										
Version	A/01	Date	2024-11-26	Revised By	Hanjunkang	Audited By	Caihanglie	Approved By	Nidonghua	