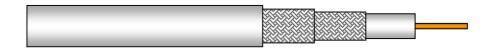




S-2YCCY 0.31/1.95Dz PVC

Coaxial SDH-Switch Board Cables acc. to Finnish specification



Application

Standards

acc. to Finnish specification

Flame resistance

Construction

Inner conductor copper wire, bare, diameter 0.315 mm ± 0.005 mm				
Insulation	PE 1.95 mm ± 0.10 mm			
1 st outer conductor copper braid, tinned				
2 nd outer conductor copper braid, tinned				
Sheath	PVC 3.55 mm ± 0.10 mm			
	white or black			





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Electrical properties

at 20°C

DC resistance	Inner conductor	≤ 230 Ω/km		
	Outer conductor	≤ 15.5 Ω/km		
Mutual capacitance		67 nF/km		
Characteristic impedance		$75 \Omega \pm 3.0 \Omega$		
Velocity ratio		66 %		
Transfer impedance	1 MHz – 30 MHz	\leq 10 m Ω /m		
Max. operating voltage		0.750 kV		
Test voltage	Inner/Outer conductor	1.0 kV _{DC} 1 min		
Insulation resistance		≥ 10 GΩ*km		

Electrical data

at 20°C

Attenuation (dB/100m)		Crosstalk (dB/100m)			Return loss (dB)		
Frequency (MHz)		Frequency (MHz)		Frequency (MHz)			
1	≤ 2.3	0.3 - 1	≥ 70	1-100	≥ 20		
2	≤ 3.2	1.0 - 30	≥ 80				
4	≤ 4.5						
10	≤ 7.1						
17	≤ 9.2						
50	≤ 15.8						
70	≤ 18.7						
100	≤ 22.3						
140	≤ 26.4						
200	≤ 32.0						

Technical data

Product code	Designation	Туре	Outer diamete r	Weight	Standard delivery length	Drum size	Gross weight	Copper content	Tensile force
			mm	kg/km	m	KTG/ring	kg		N
1003325	S-2YCCY	0.3/1.95DZ wt	3.6	24	1000 ± 20	051	28	14.6	65
1003324	S-2YCCY	0.3/1.95DZ bk	3.6	24	1000 ± 20	051	28	14.6	65

[PRODUCT CODE TABLE]





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