

S-2YCCH 0.5z/3.0Dz – 75 Ω FRNC

S-2YCCY 0.5z/3.0Dz – 75 Ω PVC

Coaxial SDH-Switch Board Cables acc. to Tele Denmark



Application

Standards

acc. to Tele Denmark specification

Flame resistance

Construction

Inner conductor	copper wire, tinned, diameter 0.50 mm ± 0.005 mm
Insulation	PE 2.95 mm ± 0.31 mm
1 st outer conductor	copper braid, tinned coverage ≥ 90%
2 nd outer conductor	copper braid, tinned coverage ≥ 90%
Sheath	FRNC altern. PVC LOI ≥ 30, 5.6 mm ± 0.20 mm black

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Electrical properties

at 20°C

DC resistance	Inner conductor	≤ 93 Ω/km
	Outer conductor	≤ 6 Ω/km
Mutual capacitance		67 nF/km
Characteristic impedance		75 Ω ± 3.0 Ω
Velocity ratio		66 %
Transfer impedance	1 MHz – 30 MHz	≤ 10.0 mΩ/m
Max. operating voltage		2 kV
Test voltage	Inner/Outer conductor	6.0 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	≤ 1.7	0.3 – 1	≥ 80	1-100	≥ 23
2	≤ 2.1	1.0 – 30	≥ 90		
4	≤ 2.9				
10	≤ 4.5				
17	≤ 5.8				
50	≤ 10.1				
70	≤ 12.0				
100	≤ 14.4				
140	≤ 17.0				
200	≤ 24.1				

Technical data

Product code	Designation	Type	Outer diameter mm	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Gross weight kg	Copper content	Tensile force N
CS	S-2YCCH	0.5z/3.0Dz	5.4	50	1000 ± 20	051	54	32	170
1003327	S-2YCCY	0.5z/3.0Dz	5.4	50	1000 ± 20	051	54	32	170

[PRODUCT CODE TABLE]

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