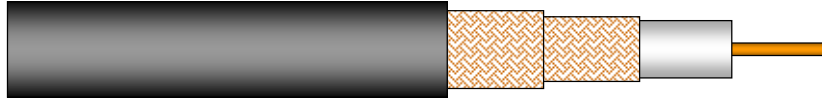


S-2YCCY 0.6/3.7D – 75 Ω FRNC

Coaxial SDH-Switch Board Cables acc. to Belgacom TR-SP. 109



Application

Standards

acc. to Belgacom specification TR-SP. 109

Flame resistance

Construction

Inner conductor	copper wire, bare, diameter 0.60 mm ± 0.03 mm
Insulation	PE 3.75 mm ± 0.10 mm
1 st outer conductor	copper braid, bare
2 nd outer conductor	copper braid, bare
Sheath	PVC 6.7 mm ± 0.20 mm black

S-2YCCY 0.6/3.7D – 75 Ω FRNC

Electrical properties

at 20°C

DC resistance	Inner conductor	≤ 65 Ω/km
Mutual capacitance		67 nF/km
Characteristic impedance	at 10 MHz	75 Ω ± 1.5 Ω
Velocity ratio		66 %
Transfer impedance	10 MHz	≤ 7.0 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/500m or 250m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)		Frequency (MHz)	
1	≤ 1.1	0.3 – 2.3	≥ 75	10	≥ 40
2	≤ 1.6	2.3 – 10	≥ 85		
4	≤ 2.2	10 – 200	≥ 100		
10	≤ 3.5				
17	≤ 4.5				
50	≤ 7.7				
70	≤ 9.1				
100	≤ 10.9				
140	≤ 12.9				
200	≤ 15.8				

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
1003343	S-2YCCY	0.6/3.7D bk	6.7	68	250 ± 10	Ring	17	35	240
1003344	S-2YCCY	0.6/3.7D bk	6.7	68	250 ± 10	Ring	17	35	240
CS270490 2	S-2YCCY	0.6/3.7D gr	6.7	68	250 ± 10	Ring	17	35	240
1003345	S-2YCCY	0.6/3.7D bk	6.7	68	250 ± 10	Ring	17	35	240

[PRODUCT CODE TABLE]

S-2YCCY 0.6/3.7D – 75 Ω FRNC

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