

S-02Y(St)CY 0.6/2.8AF – 75 Ω

Coaxial SDH-Switch Board Cables acc. to Belgacom TR-SP. 132



Application

Standards

acc. to Belgacom specification TR-SP. 132

Flame resistance

Construction

Inner conductor	copper wire, bare, diameter 0.60 mm ± 0.03 mm
Insulation	Foam-PE 2.8 mm ± 0.03 mm
1 st outer conductor	Al-PET-Al-foil
2 nd outer conductor	copper braid, tinned
Sheath	PVC 4.5 mm ± 0.15 mm grey RAL 7001

S-02Y(St)CY 0.6/2.8AF – 75 Ω

Electrical properties

at 20°C

DC resistance	Inner conductor	≤ 65 Ω/km
Mutual capacitance		56 nF/km
Characteristic impedance	at 78 MHz	75 Ω ± 3.0 Ω
Velocity ratio		78 %
Transfer impedance	10 MHz	≤ 0.7 mΩ/m
Test voltage	Inner/Outer conductor	1.5 kV _{rms} 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)	
78	≤ 11.4	0.3 – 2.3	≥ 75	78.9 – 79.1	≥ 35
		2.3 – 10	≥ 85	9.9 – 309.9	≥ 35
		≥ 10	≥ 100		

Technical data

Product code	Designation	Type	Outer diameter mm	Weight kg/km	Standard delivery length m	Drum size EW/ring	Gross weight kg	Copper content	Tensile force N
1003360	S-02Y(St)CY	0.6/2.8 AF	4.5	23.5	500 ± 20	370/180 /200	12.5	11.2	60
1003361	S-02Y(St)CH	0.6/2.8 AF	4.5	23.5	500 ± 20	370/180 /200	12.5	11.2	60

[PRODUCT CODE TABLE]

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