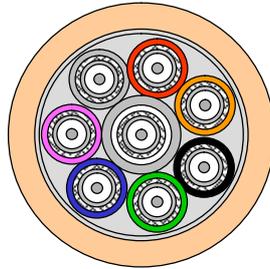


## S-02Y(St)CYY 8 x 0.6/2.8AF – 75 Ω

Coaxial SDH-Switch Board Cables acc. to Belgacom TR-SP. 132-8



### Application

### Standards

acc. to Belgacom specification TR-SP. 132-8

### 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 <sup>st</sup> outer conductor	Al-PET-Al-foil
2 <sup>nd</sup> outer conductor	copper braid, tinned
Sheath	PVC 4.5 mm ± 0.15 mm 8 different colours
Cable lay up	8 coaxials twisted to the bundle and wrapped with tape
Sheath	PVC 17.4 mm ± 0.5 mm beige, RAL 1001

# S-02Y(St)CYY 8 x 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 <sub>rms</sub> 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
1003362	S-02Y(St)CYY	8 x 0.6/2.8 AF	17.8	311	250 ± 10	760/350 /420	88	103.03	500
1003363	S-02Y(St)CYH	8 x 0.6/2.8 AF	17.8	311	250 ± 10	760/350 /420	88	103.03	500

[PRODUCT CODE TABLE]

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