

## S-2YCY 0.23/1.50

### Coaxial SDH-Switch Board Cables acc. to Finnish specification



### Application

### Standards

acc. to Finnish specification

### Flame resistance

### Construction

Inner conductor	copperclad steel wire, bare, diameter 0.23 mm $\pm$ 0.005 mm
Insulation	PE 1.50 mm $\pm$ 0.05 mm
Outer conductor	copper braid, bare
Sheath	PVC 2.75 mm $\pm$ 0.10 mm grey

# S-2YCY 0.23/1.50

## Electrical properties

at 20°C

DC resistance	Inner conductor	≤ 1000 Ω/km
Mutual capacitance		67 nF/km
Characteristic impedance		75 Ω ± 3.0 Ω
Velocity ratio		66 %
Transfer impedance	1 MHz – 30 MHz	≤ 60.0 mΩ/m
Max. operating voltage		0.750 kV
Test voltage	Inner/Outer conductor	1.5 kV <sub>DC</sub> 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	≤ 2.9	0.3 – 1	≥ 60	1-100	≥ 20
2	≤ 4.1	1.0 – 30	≥ 60		
4	≤ 5.8				
10	≤ 9.0				
17	≤ 11.6				
50	≤ 17.5				
70	≤ 20.4				
100	≤ 24.5				
140	≤ 29.0				
200	≤ 35.0				
1000	≤ 76.0				

## 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
1003352	S-2YCY	0.23/1.50	2.8	12	1000 ± 20	051	16	6.1	54
1003353	S-2YCY	0.23/1.50	2.8	12	1000 ± 20	051	16	6.1	54

[PRODUCT CODE TABLE]

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