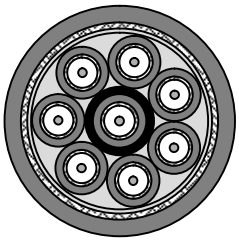
S-2YCY(St)CY 8 x 0.23/1.50

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 ± 0.005 mm
Insulation	PE 1.50 mm ± 0.05 mm
Outer conductor	Cu- copper braid, bare, blank
Sheath	PVC 2.75 mm ± 0.10 mm grey
Cable lay up	8 coaxials twisted to the bundle with number printing 1-8
Overall screen	PET-AL-foil+ copper braid, tinned
Sheath	PVC 12.2 mm ± 0.5 mm grey RAL 7001

S-2YCY(St)CY 8 x 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_{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	≤ 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
1003354	S-2YCY(St)CY	8 x 0.23/1.50	12.2	170	500 ± 20	081	110	72	450

[PRODUCT CODE TABLE]

S-2YCY(St)CY 8 x 0.23/1.50