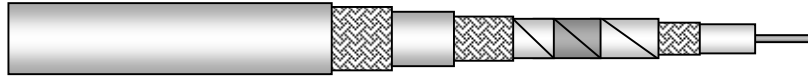


S-2YC(mS)CCY 0.7/4.4

Coaxial SDH-Switch Board Cables acc. to TS 0031/96 part 4



Application

Standards

acc. to TS 0031/96 part 4

Flame resistance

Construction

Inner conductor	copper wire, silvered, diameter 0.7 mm
Insulation	PE, 4.4 mm
Outer conductor	copper braid, tinned
Wrapping	PET-foil
Magn. Screen	iron tape, highly permeable
Wrapping	PET-foil
1 st static screen	copper braid, tinned
Wrapping	PET-foil
Inner sheath	PE
2 nd static screen	copper braid, tinned
Sheath	PVC 9.3 mm white

S-2YC(mS)CCY 0.7/4.4

Electrical properties

at 20°C

DC resistance	Inner conductor	$\leq 52 \Omega/\text{km}$
	Screen	$\leq 8.5 \Omega/\text{km}$
Mutual capacitance		68 nF/km
Characteristic impedance		$75 \Omega \pm 2\%$
Transfer impedance	0.1 MHz	$\leq 0.04 \text{ m}\Omega/\text{m}$
	1 MHz	$\leq 0.004 \text{ m}\Omega/\text{m}$
	10 MHz	$\leq 0.003 \text{ m}\Omega/\text{m}$
	100 MHz	$\leq 0.03 \text{ m}\Omega/\text{m}$
Test voltage	Inner/Outer conductor	2 kV _{rms}
Insulation resistance		$\geq 10 \text{ G}\Omega \cdot \text{km}$

Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
0.1	≤ 0.45	40-300	≥ 23
10	≤ 3.4		
30	≤ 6.0		
100	≤ 11.0		
300	≤ 20.0		
600	≤ 29.0		

Technical data

Product code	Designation	Type	Outer diameter	Weight	Standard delivery length	Drum size	Gross weight	Copper content	Tensile force
			mm	kg/km	m	KTG/ring	kg		N
	S-2YC(mS)CCY	1 x 0.7/4.4	9.3	145	1000	081	177	97.0	600
					250	Ring	36.8		
CS2705702	S-2YC(mS)CCY	1 x 0.7/4.4	9.3	145	750	081	140	97.0	600

[PRODUCT CODE TABLE]

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