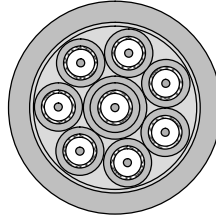


S-02Y(St)CYY 8 x 0.45/2.0**S-02Y(St)CHH 8 x 0.45/2.0****Coaxial SDH-Switch Board Cables acc. to TS 0031/96 part 4**

Application

Standards

acc. to TS 0031/96 part 4

Flame resistance

IEC 60332-1

Construction

Inner conductor	copper wire, tinned or silvered, diameter 0.45 mm
Insulation	Foam-PE 1.95 mm
1 st Outer conductor	Al-PET-Al-foil
2 nd Outer conductor	copper braid, tinned
Sheath	PVC 3.2 mm grey, RAL 7032
Cable lay up	8 coaxials to the bundle
Wrapping	PET-foil
Sheath	PVC, alternative LSHF-FR, 12.6 mm grey, RAL 7032

S-02Y(St)CYY 8 x 0.45/2.0

S-02Y(St)CHH 8 x 0.45/2.0

Electrical properties

at 20°C

DC resistance	Inner conductor	≤ 115 Ω/km
Mutual capacitance		ca. 60 nF/km
Characteristic impedance		75 Ω ± 3%
Screening factor	30-1000 MHz	≥ 90 dB
Operating voltage		300 V _{rms}
Test voltage	Inner/Outer conductor	2 kV _{rms}
Insulation resistance		≥ 10 GΩ*km

Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
1	≤ 2.4	30-1000	≥ 22
10	≤ 5.5		
30	≤ 9.5		
100	≤ 20.0		
400	≤ 37.0		
600	≤ 46.0		

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
1003330	S-02Y(St)CYY	8 x 0.45/2.0	12.6	180	1000	091	222	72	280
					250	Ring	45		
1003358	S-02Y(St)CHH	8 x 0.45/2.0	12.6	180	1000	091	222	72	280

[PRODUCT CODE TABLE]

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