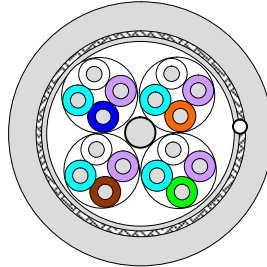


# S-09YS(St)CH 8 x 2 x 0.6/1.2 – 120 Ω

**Symmetrical SDH-Switch Board Cables acc. to FTZ TS 0031/96**



## Application

## Standards

acc. to FZT TS0031/96

## Flame resistance

## Construction

Conductor	copper wire, bare, diameter 0.6 mm
Insulation	Foam-Skin-PP 1.2 mm
Core identification	1. quad: wt-bl, tq-vi 2. quad: wt-or, tq-vi 3. quad: wt-gn, tq-vi 4. quad: wt-br, tq-vi
Twisting	4 cores to the quad
Cable lay up	4 quads to the bundle
Wrapping	PET-foil
Overall screen	1 x PET-Al-foil + drain wire, tinned + copper braid, tinned
Sheath	FRNC-material ( Flame Retardant Non Corrosive ), 9.2 mm grey, RAL 7032

## S-09YS(St)CH 8 x 2 x 0.6/1.2 – 120 Ω

### Electrical properties

at 20°C

Loop resistance		122.6 Ω/km ± 7.4 Ω/km
Mutual capacitance		≤ 45 nF/km
Capacitance unbalance	at 800 Hz	
	K <sub>1</sub>	0 ± 500 pF/km
	K <sub>9-12</sub>	0 ± 500 pF/km
	E <sub>12</sub>	0 ± 1500 pF/km
Characteristic impedance	at 1 MHz	120 Ω ± 12 Ω
Test voltage	core/core	≥ 800 V <sub>rms</sub>
	core/screen	≥ 800 V <sub>rms</sub>
Insulation resistance		≥ 10 GΩ*km

### Electrical data

at 20°C

Frequency (MHZ)	Attenuation (dB/km)	Near end crosstalk (within the quad) (dB/100m)	Far end crosstalk (within the quad) (dB/100m)	Screening factor (dB/km)	Frequency (MHz)
1	≤ 16	≥ 50	≥ 60		30-900
					≥ 80

### 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
1003311	S-09YS(St)CH	8x2x0.6/1.2	9.2	110	1000	081	135	95	365

### Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
S-09YS(ST)CH 8x2x0.6 STVI		60015089	<b>60015089</b>
S-09YS(ST)CH 8x2x0.6 STVI 1000DW	1008001-01000DW	60015089	<b>60015090</b>

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