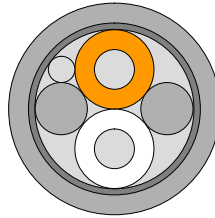


## S-2Y(St)Y 1 x 2 x 0.5/2.2 – 120 Ω

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



### Application

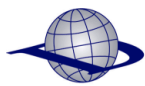
### Standards

acc. to FZT TS0031/96

### Flame resistance

### Construction

Conductor	copper wire, tinned, diameter 0.5 mm
Insulation	PE 2.15 mm
Core identification	white/brown
Twisting	2 cores to the pair
Wrapping	PET-foil
Screen	
Drain wire	copper wire, tinned, 0.5 mm
Static screen	Al-PET-Al-foil
Sheath	PVC 6.1 mm grey, RAL 7032



## S-2Y(St)Y 1 x 2 x 0.5/2.2 – 120 Ω

### Electrical properties

at 20°C

DC resistance		≤ 187 Ω/km
Mutual capacitance		41 nF/km
Characteristic impedance	at 250 kHz	120 Ω
Dielectric strength	core/core	≥ 500 V <sub>rms</sub>
	core/screen	≥ 2000 V <sub>rms</sub>
Insulation resistance		≥ 10 GΩ*km

### Electrical data

at 20°C

Frequency (kHz)	Attenuation (dB/km)	Crosstalk (dB/100m)
10	≤ 4.0	≥ 105
100	≤ 7.5	≥ 90
600	≤ 16.5	≥ 105

### 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
1003295	S-2Y(St)Y	1x2x0.5/2.2	6.1	33	1000	051	43	5.9	35
					250	Ring	8.3		