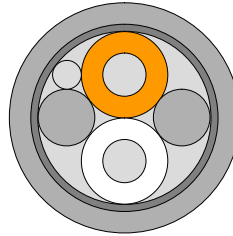




## S-2Y(St)Y 1 x 2 x 0.5/1.5 – 120 Ω

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



### Application

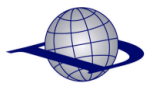
### Standards

acc. to FZT TS0031/96

### Flame resistance

### Construction

Conductor	copper wire, tinned, diameter 0.5 mm
Insulation	PE 1.48 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 4.6 mm grey, RAL 7032



## S-2Y(St)Y 1 x 2 x 0.5/1.5 – 120 Ω

### Electrical properties

at 20°C

DC resistance		≤ 187 Ω/km
Mutual capacitance		55 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)
100	≤ 4.5	≥ 105
500	≤ 9.5	≥ 90
1000	≤ 20.5	≥ 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
CS2700100	S-2Y(St)Y	1x2x0.5/1.5	4.6	22	1000	051	32	5.9	35
					250	Ring	5.4		
CS2700102	S-2Y(St)Y	1x2x0.5/1.5	4.6	22	500	051	21	5.9	35
					250	Ring	5.4		
1003294	S-2Y(St)Y	1x2x0.5/1.5	4.6	22	500	051	21	5.9	35
					250	Ring	5.4		