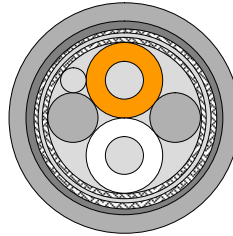




## S-2YDD(mS)Y 1 x 2 x 0.5/2.2 – 150 Ω

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



### Application

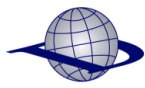
### Standards

acc. to FZT TS0031/96

### Flame resistance

### Construction

Conductor	copper wire, tinned, diameter 0.5 mm
Insulation	PE, 2.2 mm
Core identification	white/brown
Twisting	2 cores to the pair
Wrapping	PET-foil
Screen	
Spiraled copper wires	2 layers of spiraled copper wires, tinned
Wrapping	PET-foil
Magn. screen	Mu-metal-foil
Wrapping	PET-foil
Sheath	PVC 7.0 mm grey, RAL 7032



## S-2YDD(mS)Y 1 x 2 x 0.5/2.2 – 150 Ω

### Electrical properties

at 20°C

DC resistance		≤ 187 Ω/km
Mutual capacitance		41 nF/km
Characteristic impedance	at 250 kHz	150 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	≥ 140
100	≤ 7.5	≥ 140
600	≤ 16.5	≥ 140

### Technical data

Product coder	Designation	Type	Outer diameter mm	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Gross weight kg	Copper content	Tensile force N
CS2701700	S-2DD(MS)Y	1x2x0.5/2.2	7.0	78	1000	071	103	36.0	220
					250	Ring	19.6		