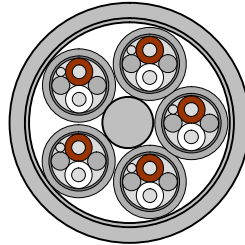


S-2Y(St)YY 5 x 2 x 0.5/1.5 – 120 Ω

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



Application

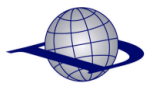
Standards

acc. to FZT TS0031/96

Flame resistance

Construction

Conductor	copper wire, tinned, diameter 0.5 mm
Insulation	PE, 1.5 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 of Element	PVC 4.6 mm grey, RAL 7032
Cable lay up	5 pairs to the bundle
Wrapping	PET-foil
Sheath	PVC 14.5 mm grey, RAL 7032



S-2Y(St)YY 5 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 _{rms}
	core/screen	≥ 2000 V _{rms}
Insulation resistance		≥ 10 GΩ*km

Electrical data

at 20°C

Frequency (kHz)	Attenuation (dB/km)	Crosstalk (dB/100m)
10	≤ 4.5	≥ 105
100	≤ 9.5	≥ 90
600	≤ 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
CS2822700	S-2Y(St)YY	5x2x0.5/1.5	14.5	185	1000	101	275	29.5	175
					250	Ring	48		