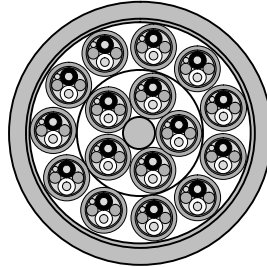




S-2Y(St)YY 16 x 2 x 0.4/1.2 – 120 Ω

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



Application

Standards

acc. to FZT TS0031/96

Flame resistance

Construction

Conductor	copper wire, tinned, diameter 0.4 mm
Insulation	PE 1.2 mm
Core identification	white/black
Twisting	2 cores to the pair
Wrapping	PET-foil
Screen	
Drain wire	copper wire, tinned, 0.4 mm
Static screen	Al-PET-Al-foil
Sheath of element	PVC, 3.4 mm grey, RAL 7032
Cable lay up	16 pairs to the bundle
Wrapping	PET-foil
Sheath	PVC 19.4 mm grey, RAL 7032



S-2Y(St)YY 16 x 2 x 0.4/1.2 – 120 Ω

Electrical properties

at 20°C

DC resistance		≤ 149 Ω/km
Mutual capacitance		45 nF/km
Characteristic impedance	at 1 MHz	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)
100	≤ 10	≥ 90
500	≤ 22	≥ 90
1000	≤ 31	≥ 90

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
CS2718700	S-2Y(St)YY	16x2x0.4/1.2	19.4	270	1000	121	410	56	315
					250	Ring	70		