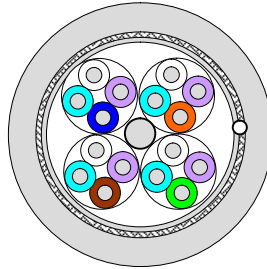


8x2x0,6/1.2 09Y(ST)CY, 120 Ohm, PVC, DRAKA

Symmetrical SDH-Switch Board Cables



Application

Standards

Flame resistance

Construction

Conductor	copper wire, bare, diameter 0.6 mm
Insulation	Foam-Skin-PP 1.2 mm
Core identification	1. quad: wh-bu, tq-vt 2. quad: wh-og, tq-vt 3. quad: wh-gn, tq-vt 4. quad: wh-bn, tq-vt
Twisting	4 cores to the quad
Cable lay up	4 quads to the bundle
Wrapping	PET-foil
Overall screen	1 x PET-Al-foil + drain wire, tinned + copper braid, tinned
Sheath	PVC, 9.2 mm grey, RAL 7032

8x2x0,6/1.2 09Y(ST)CY, 120 Ohm, PVC, DRAKA
Electrical properties

at 20°C

Loop resistance		122.6 /km ± 7.4 /km
Mutual capacitance		≤ 45 nF/km
Capacitance unbalance	at 800 Hz	
	K_1	0 ± 500 pF/km
	K_{9-12}	0 ± 500 pF/km
	E_{12}	0 ± 1500 pF/km
Characteristic impedance	at 1 MHz	120 ± 12
Test voltage	core/core	≥ 800 V _{rms}
	core/screen	≥ 800 V _{rms}
Insulation resistance		≥ 10 G *km

Electrical data

at 20°C

Frequency (MHZ)	Attenuation (dB/km)	Near end crosstalk (within the quad) (dB/100m)	Far end crosstalk (within the quad) (dB/100m)	Screening factor (dB/km)	
				Frequency (MHz)	
1	≤ 16	≥ 50	≥ 60	30-900	≥ 80

Technical data

Product code	Designation	Type	Outer diameter mm	Weight kg/km	Standard delivery length m	Drum size PWD	Gross weight kg	Copper content	Tensile force N
1003288	S-09YS(St)CY	8x2x0.6/1.2	9.2	115	1000	650/200/470	122.5	76.4	365