



## SD 200 C TP TPE/PUR CABLE

Shielded

SAB07890250/K  
SD 200 C TP 2x2x0,5 mm<sup>2</sup>



- DIN 47100 color coding
- Good EMC characteristics
- High shock and abrasion resistance
- Small outer diameter
- Applicable for long energy chains

### PRODUCT DESCRIPTION

Highly flexible pair twisted energy chain cable SD 200 C TP is especially made for use in industrial applications such as packaging machines, material handling and car manufacturing industry. Low friction PUR sheath makes this cable a perfect choice for various energy chain installations where high abrasion resistance is most needed. The cable also has a good chemical resistance against acids, alkalines, solvents and hydraulic fluids.

Twisted pair construct prevents electric interferences. In order to achieve optimal EMC characteristics the copper screen has to be grounded.

Ask for UL approved product SD 970 CHP CY.

### SPECIFICATIONS

Number Of leads	4
Cross-Section	0.5 mm <sup>2</sup>
Material Outer Jacket	PUR
Shielded	Yes
Nominal Voltage	Max. 350 V DIN VDE
Outer Diameter -10%	6.3 mm
Temperature Range The Use Of	-50 °C
Temperature Range For Flexible Use	90 °C
Temperature Range Flexible Use Of	-40 °C
Bending Radius Fixed Laying	Min. 7,5 x d
Bending Radius Flexible Use	Min. 7,5 x d
Copper Weight	34.6 kg/km
Weight	52 kg/km
Core Insulation	TPE
Core identification	Colour Coded
Approvals	RoHS

Halogen	Yes
Test Voltage	1500 V
Testing voltage, screen	1200 V
Area of application	Flexible use
Drag Chain Tested	Yes
Color Jacket	Grey RAL 7032
Twister pairs	Yes
Radiation Resistance	5x10 <sup>7</sup> cJ/kg
Number of pairs	2
Cable type	Communication cable

