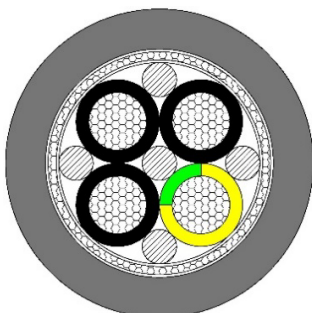
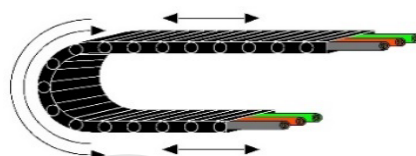


Sumflex® CP 2505C

TDS STMC: 3930
 Revision: 10
 Date: 26.10.2022
 Creator: A. Nieto



Application



The drawing is only an example

High flexible PUR power and control cables for use in drag chains with very good EMC characteristics due to tinned copper shielding.
 For medium mechanical requirements in terms of bending radii, speed, acceleration and travel length.

Design

Single cores

Conductor: Flexible strand of bare copper wires acc. to EN 60228 class 6
 Insulation: PP
 Core identification: Black (wh numbered) + GN/YE or acc. to customers specification

Total assembly

Make-Up: Cores stranded in layers, fillers placed as necessary to get a round assembly
 Separation: Fleece tape
 Overall screen: Tinned copper wire braiding, coverage about 85%
 Separation: Fleece tape
 Outer jacket: PUR HFFR matt surface, low adhesion
 Color: Grey (similar RAL 7000) or acc. to customers specification
 Printing on jacket: Acc. to customers specification

Technical data

Temperature range: -25°C to +80°C
 Min. bending radius: 7,5xD (optimal 10xD)

Fire performance

Flame retardant: IEC 60332-1-2

Electrical & physical data

Nominal voltage: 0,6/1 kVac
 Test voltage (1 min.): 3 kVac (C/C) & 2 kVac (C/S)

Other certifications

Oil resistance: EN 50363-10-2
 VDE 282 part 10
 Halogen free: IEC 60754-1

General Properties

High flexible, abrasion resistant, water resistant, CE 2014/35/EU & RoHS compliant
 Cable is free of silicone and paint-wetting impairment substances (PWIS)
 Manufacturer: Sumcab Tailor Made Cables, Barcelona - Country of origin: Spain

Expect High Performance

Sumflex® CP 2505C

Item number	TYPE	Outer diameter (± 5%)	Copper content (kg/km)	Cable weight (kg/km)
5811 4x0,25	Sumflex® CP 2505C 4x0,25mm ²	5,8mm	20,8	44
5811 20x0,25	Sumflex® CP 2505C 20x0,25mm ²	10,0mm	69,8	141
5811 4x0,50	Sumflex® CP 2505C 4x0,50mm ²	6,4mm	30,3	58
5811 5x0,50	Sumflex® CP 2505C 5G0,50mm ²	7,0mm	37,4	72
5811 8x0,50	Sumflex® CP 2505C 8G0,50mm ²	8,5mm	56,5	102
5811 10x0,50	Sumflex® CP 2505C 10G0,50mm ²	9,3mm	68,0	119
5811 12x0,50	Sumflex® CP 2505C 12G0,50mm ²	9,6mm	77,8	131
5811 18x0,50	Sumflex® CP 2505C 18G0,50mm ²	11,0mm	115,8	183
5811 25x0,50	Sumflex® CP 2505C 25G0,50mm ²	13,2mm	166,4	254
5811 2x0,75	Sumflex® CP 2505C 2x0,75mm ²	6,2mm	25,6	52
5811 4x0,75	Sumflex® CP 2505C 4G0,75mm ²	6,9mm	42,1	74
5811 7x0,75	Sumflex® CP 2505C 7G0,75mm ²	8,7mm	68,6	116
5811 12x0,75	Sumflex® CP 2505C 12G0,75mm ²	10,5mm	112,78	172
5811 5x1	Sumflex® CP 2505C 5G1mm ²	8,0mm	64,4	104
5811 2x1,5	Sumflex® CP 2505C 2x1,5mm ²	7,3mm	42,3	76
5811 3x1,5	Sumflex® CP 2505C 3G1,5mm ²	7,7mm	57,6	93
5811 4x1,5	Sumflex® CP 2505C 4G1,5mm ²	8,3mm	73,8	116
5811 5x1,5	Sumflex® CP 2505C 5G1,5mm ²	9,3mm	90,4	142
5811 7x1,5	Sumflex® CP 2505C 7G1,5mm ²	10,7mm	129,8	197
5811 12x1,5	Sumflex® CP 2505C 12G1,5mm ²	13,2mm	218,6	299
5811 3x2,5	Sumflex® CP 2505C 3G2,5mm ²	9,3mm	90,2	140
5811 4x2,5	Sumflex® CP 2505C 4G2,5mm ²	10,0mm	116,0	171
5811 5x2,5	Sumflex® CP 2505C 5G2,5mm ²	11,0mm	148,6	214
5811 4x4	Sumflex® CP 2505C 4G4mm ²	12mm	185,4	257
5811 4x6	Sumflex® CP 2505C 4G6mm ²	14,9mm	281,1	388

Other sizes on request

Customer acceptance		
Customer acceptance	Name:	Signature & Company stamp:
	Date:	

Expect High Performance