We Make Modern Life Possible.

INDUSTRIAL CABLES

FLEXICS® CHAIN 11C

PVC/PUR drag chain cable, screened

Extremely flexible PVC/PUR control cable for transmission of instrumentation and control signals for machine building and plant construction purposes, especially for continuous moving machine parts, e.g. within C-tracks. Cables are designed for indoor applications when exposed to medium mechanical stress. Resistant against a wide range of oils, greases, coolants and lubricants. Especially when excellent EMC behavior is requested.



TECHNICAL DATA

Standard
Based on VDE 0285

Test Voltage
4000 V / 50 Hz

Rated Voltage
300/500 V (Uo/U)

Bending cycles
5 million

Bending radius (min.)
Fixed installation: 7.5 x Ø of cable
Flexible use: 10 x Ø of cable

Fire properties
EN 60332-1-2: self-extinguishing and flame retardant

Core identification
Black (continuously numbered), from 3 cores with green/yellow ground conductor

Temperature range
Fixed installation: -30°C up to 80°C
Flexible use: -5°C up to 70°C

DESIGN



1. Bare copper conductors, super fine wires class 6 according to DIN EN 60228 / VDE 0295 / IEC 60228
2. Core insulation of special compound based on polyvinyl chloride (PVC)
3. Cores stranded in layers with short lay-lengths
4. Non-woven wrapping over each stranding layer
5. Inner sheath of special compound based on polyvinyl chloride (PVC)
6. Tinned copper wire braiding
7. Non-woven wrapping over braiding
8. Special polyurethane (PUR) outer sheath, colour: grey (RAL 7001)

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 0.5	6.9	70
3 G 0.5	7.3	80
4 G 0.5	7.9	94
5 G 0.5	8.5	106
7 G 0.5	9.8	139
12 G 0.5	11.5	194
18 G 0.5	13.4	182
25 G 0.5	15.9	390
2 x 0.75	7.3	80
3 G 0.75	7.8	92
4 G 0.75	8.4	112
5 G 0.75	9.0	124
7 G 0.75	10.7	168
12 G 0.75	12.5	253
18 G 0.75	14.9	356
25 G 0.75	17.4	479
2 x 1	7.7	92
3 G 1	8.2	100
4 G 1	8.9	129
5 G 1	9.8	154
7 G 1	11.4	198
12 G 1	13.4	300
18 G 1	16.1	429
25 G 1	18.8	590
34 G 1	23.3	825
41 G 1	25.1	980
50 G 1	27.6	1160
65 G 1	30.7	1670
2 x 1.5	8.4	112
3 G 1.5	9.0	133
4 G 1.5	9.9	162
5 G 1.5	10.9	188
7 G 1.5	12.7	251
12 G 1.5	15.2	378
18 G 1.5	17.8	536
25 G 1.5	21.2	766
34 G 1.5	26.1	1180
42 G 1.5	27.8	1458
50 G 1.5	30.3	1857
3 G 2.5	11.0	198
4 G 2.5	11.9	233
5 G 2.5	13.2	294
7 G 2.5	15.8	399
12 G 2.5	20.4	582

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
18 G 2.5	24.0	989
25 G 2.5	28.2	1400
4 G 4	13.7	348
5 G 4	15.3	420
7 G 4	20.0	651
4 G 6	16.1	499
7 G 6	23.0	844
3 G 10	20.4	855
4 G 10	23.0	1140
5 G 10	25.3	1310
7 G 10	28.0	1630
4 G 16	26.2	1391
5 G 16	28.6	1810

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Natalia Dikovits
Sales
+43 (0) 1 70170-120
natalia.dikovits@skw.at

