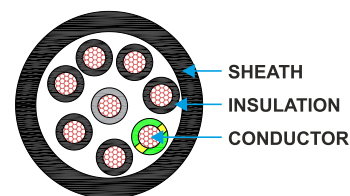


Drag Chain Cables

TPE/PUR Servo FD - Unshielded Cable



2203 - Drag Chain Cables

Application

Connecting cable between servo controller and encoder / resolver. Connecting cable between servo controller and speed generators. In power chains or moving machine parts. Particularly in wet areas of machine tools and transfer lines. Assembly lines, production lines, in all kinds of machines. For indoor and outdoor use

Properties

- Flammability : UL/CSA: VW-1, FT1IEC/EN: 60332-1-2
- Halogen-free materials
- Low-capacitance design
- Abrasion and notch-resistant
- Oil-resistant

Construction

- Bare copper, fine wire conductors according to EN 60228 cl. 5/6
- Core insulation of TPE
- Black core with continuous white numbering according to DIN VDE 0293
- Cores stranded in layers with optimal lay-length
- Special polyurethane outer sheath (PUR)
- Sheath colour : Grey (RAL 7001)

Technical Parameter

- Nominal voltage U_0 / U : 300 / 500V
- Insulation resistance : Min. 20 GΩ x cm
- Temperature range : Flexing -40°C to +90°C, fixed installation -50°C to +90°C
- Bending radius : Min. Flexing 7.5D fixed installation 4D
- Test voltage : 1500V Core to core

Dimension

Part code	No. of Cores & Nominal Cross Sectional Area (Sq. mm)	Approx. Cable Diameter (mm)	Approx. Copper Weight (kg/km)	Approx. Cable Weight (kg/km)
2203B000502	2 x 0.5	5.9	8.7	39
2203B000503X	3G 0.5	6.2	13.0	45
2203B000504X	4G 0.5	6.9	17.4	57
2203B000505X	5G 0.5	7.4	21.7	67
2203B000507X	7G 0.5	9.1	30.4	100
2203B000512X	12G 0.5	11.3	52.2	158
2203B000518X	18G 0.5	13.2	78.2	220
2203B000525X	25G 0.5	15.0	108.6	290
2203B000702	2 x 0.75	6.4	13.0	48
2203B000703X	3G 0.75	6.8	19.6	58
2203B000704X	4G 0.75	7.4	26.1	71
2203B000705X	5G 0.75	8.6	32.6	94
2203B000707X	7G 0.75	10.0	45.6	128
2203B000712X	12G 0.75	12.4	78.2	203
2203B000718X	18G 0.75	14.4	117.3	283
2203B000725X	25G 0.75	17.2	163.0	401
2203B00102	2 x 1	6.8	17.4	57
2203B001003X	3G 1	7.2	26.1	69
2203B001004X	4G 1	8.2	34.8	90
2203B001005X	5G 1	9.0	43.5	110
2203B001007X	7G 1	11.1	60.8	163
2203B001012X	12G 1	13.2	104.3	244
2203B001018X	18G 1	15.4	156.5	344
2203B001025X	25G 1	19.0	217.3	507
2203B001034X	34G 1	21.8	295.5	675
2203B001041X	41G 1	23.4	356.4	791
2203B001502	2 x 1.5	7.4	25.5	71
2203B001503X	3G 1.5	8.3	38.2	94
2203B001504X	4G 1.5	9.0	50.9	116
2203B001505X	5G 1.5	9.8	63.7	140
2203B001507X	7G 1.5	12.2	89.1	209
2203B001518X	18G 1.5	17.6	229.2	471
2203B001525X	25G 1.5	20.7	318.3	653
2203B001541X	41G 1.5	26.3	522.0	1060
2203B002503X	3G 2.5	9.7	63.7	139
2203B002504X	4G 2.5	11.0	84.9	181
2203B002505X	5G 2.5	12.1	106.1	221
2203B002507X	7G 2.5	14.2	148.5	307
2203B002512X	12G 2.5	17.8	254.6	500

Note: X = With green/yellow earth core