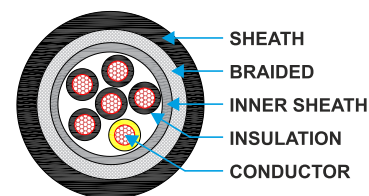


Drag Chain Cables

TPE/PUR Servo FD - Shielded Cable



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

Construction

- Bare copper, fine wire conductors according to EN 60228 cl. 5.
- Core insulation of TPE.
- Black core with continuous white numbering to DIN VDE 0293.
- Green/yellow earth core in outer layer (3 cores and above).
- Cores stranded in layers with optimal lay-length.
- TPE inner sheathed.
- Tinned copper braided screen.
- Special polyurethane outer sheath (PUR).
- Sheath colour : Grey (RAL 7001).

Properties

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

Technical Parameter

- Nominal voltage U₀ / 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 & 750V Core to screen

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)
2204B000503X	3G 0.5	8.3	31.1	83
2204B000504X	4G 0.5	8.8	37.1	95
2204B000505X	5G 0.5	9.7	43.3	114
2204B000507X	7G 0.5	11.2	53.8	150
2204B000512X	12G 0.5	13.7	83.1	226
2204B000518X	18G 0.5	15.7	114.4	301
2204B000525X	25G 0.5	18.5	176.0	430
2204B000702	2 x 0.75	8.4	31.0	84
2204B000703X	3G 0.75	8.7	38.8	95
2204B000704X	4G 0.75	9.5	47.0	114
2204B000705X	5G 0.75	10.2	55.4	133
2204B000707X	7G 0.75	11.9	71.2	179
2204B000712X	12G 0.75	14.5	111.8	269
2204B000725X	25G 0.75	20.3	236.3	542
2204B001002	2 x 1	8.7	36.2	93
2204B001003X	3G 1	9.3	46.3	111
2204B001004X	4G 1	9.9	58.3	131
2204B001005X	5G 1	10.8	67.6	154
2204B001007X	7G 1	12.8	88.2	213
2204B001012X	12G 1	15.4	161.2	332
2204B001018X	18G 1	17.7	223.2	448
2204B001025X	25G 1	21.5	295.9	637
2204B001034X	34G 1	23.8	386.0	799
2204B001502	2 x 1.5	9.5	46.8	114
2204B001503X	3G 1.5	9.9	60.8	132
2204B001504X	4G 1.5	10.8	76.3	161
2204B001505X	5G 1.5	11.32	91.0	182
2204B001507X	7G 1.5	13.92	119.5	265
2204B001512X	12G 1.5	16.8	216.1	416
2204B001518X	18G 1.5	20	302.9	591
2204B001525X	25G 1.5	23.5	408.1	808
2204B001541X	41G 1.5	28.72	635.4	1229
2204B002503X	3G 2.5	11.12	90.9	178
2204B002504X	4G 2.5	12.32	115.1	222
2204B002505X	5G 2.5	14	159.9	296
2204B002507X	7G 1.5	16.4	208.5	402
2204B002512X	12G 2.5	21	329.4	648

Note: X = With green/yellow earth core

2204 - Drag Chain Cables