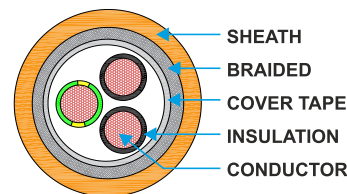


Servo Cables

PUR Servo Shielded Cables 600V / 1000V



1904 - Servo Cables

Application

- Especially for frequency converters and servo drives
- Continuous flexing applications in "C" tracks
- Very good resistance against aggressive coolants and lubricants.
- Industrial environments in mechanical and system engineering.

Properties

- High resistance to interference from external magnetic (EMC).
- Braid shield optimized for continuous flexible use.
- Good bending strength.
- Low adhesion, abrasion resistance, tear propagation resistance.
- Grease, oil, alcohol-free, UV-resistant, silicon-free, ROHS compliant.

Construction

- Conductor : Bare copper, class-6, IEC – 60228.
- Insulation : Special TPE.
- Power conductor black with numbered print, ground green/yellow. (G)
- Cores stranded in layers with optimal lay-length
- Tinned copper braided with coverage > 85%.
- Sheath: PUR, colour: Orange

Technical Parameter

- Voltage grade : 600/1000V
- Test voltage : 4kv
- Temp range : - 30 to + 80°C fixed & - 5 to + 80°C flexing
- Bending radius : 6 to 10 x Diameter of cable
- Flame retardant : Acc. to EN 60332-1-2
- Halogen free : EN- 50267-2-1
- Insulation Resistance : Min. 20GOhm-cm



Construction without Signal Wire

Part code	No. of Core x Sq. mm	Outer Diameter mm	Cable Weight kg/km
1904B040010	4G x 1.0	7.40	108
1904B040015	4G x 1.5	8.60	117
1904B040025	4G x 2.5	10.8	173
1904B040040	4G x 4	12.2	245
1904B040060	4G x 6	14.0	365
1904B040100	4G x 10	17.6	549
1904B040160	4G x 16	21.2	849
1904B040250	4G x 25	25.0	1300
1904B040350	4G x 35	28.8	1700
1904B040500	4G x 50	33.9	2440

Assembly with 1 Signal Pair

Part code	#Core x Sq. mm	Outer Diameter mm	Cable Weight kg/km
1904B040015P	4G*1.5+2*1.5	11.4	210
1904B040025P	4G*2.5+2*1.5	12.9	235
1904B040040P	4G*4+2*1.5	14.5	320
1904B040060P	4G*6+2*1.5	16.1	430
1904B040100P	4G*10+2*1.5	19.5	680
1904B040160P	4G*16+2*1.5	23.6	956
1904B040250P	4G*25+2*1.5	28.5	1360
1904B040350P	4G*35+2*1.5	31.0	2740
1904B040500P	4G*50+2*1.5	34.5	3730