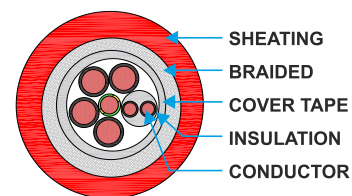


Servo Cables

PVC Servo Shielded Cable 0.6 / 1 KV with Control Pairs



Application

- Especially for frequency converters and servo drives in machine plant construction.
- Continuous flexing applications in “C” tracks
- Very good resistance against Aggressive coolants and lubricants.
- Industrial environments in mechanical and system engineering.

Properties

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

Construction

- Conductor : Bare copper, class-6, IEC – 60228.
- Insulation : Special TPM / PP
- Power conductor black with numbered print, ground green/yellow. (G)
- Pair color black and white with a braided shield and foil tape,
- Cores stranded in layers with optimal lay-length
- Tinned copper braided with coverage > 85%.
- Sheath: PVC - adhesion-free surface, Colour : Orange.

Technical Parameter

- Nominal voltage : 1000V 80°C
- Voltage grade : 600/1000V - Power & 500V - Shielded Pair
- Test voltage : 4kv
- Temp range : - 40°C to + 80°C
- Bending radius : 15 x D - flexing & 6 x D - fixed
- Flammability : IEC 60332-1-2, UL 1581 VW-1
- Halogen free : EN- 50267-2-1



Construction without Signal Wire

Part code	No. of Core x Sq. mm	Outer Diameter mm	Cable Weight kg/km
1902B040015	4G x 1.5	8.40	130
1902B040025	4G x 2.5	10.6	219
1902B040040	4G x 4	11.5	312
1902B040060	4G x 6	13.2	380
1902B040100	4G x 10	16.5	620
1902B040160	4G x 16	21.2	1060
1902B040250	4G x 25	25.0	1650
1902B040350	4G x 35	31.8	2310

Assembly with 1 Signal Pair =P

Part code	No. of Core x Sq. mm	Outer Diameter mm	Cable Weight kg/km
1902B040015P	4G*1.5+2*1.5	11.6	248
1902B040025P	4G*2.5+2*1.5	13.0	310
1902B040040P	4G*4+2*1.5	14.0	445
1902B040060P	4G*6+2*1.5	16.0	554
1902B040100P	4G*10+2*1.5	18.5	806
1902B040160P	4G*16+2*1.5	23.6	1085
1902B040250P	4G*25+2*1.5	28.5	1685

1902 - Servo Cables