

MOTOR POWER CABLE

For use in Drag Chains, shielded, UL / CSA



Construction

Conductors: Bare copper fine stranded, Class 6
 Insulation: Polypropylene
 Outer sheath: PUR
 Outer sheath Color: Orange RAL 2003

Features

- Tinned copper screen
- Extra flexible conductors
- Flame retardant and self-extinguishing VDE 0482-332-1-2/IEC 60332-1
- Oil Resistant EN 60811-2-1

Approvals

- UL
- CSA
- VDE

Technical details

Temperature range: -50°C up to 80°C (fixed), -40°C up to 80°C (moved)
 Nominal Voltage rating: 600/1000 V
 Min. bending radius: 5 x OD (fixed), 7.5 x OD (moved)

Application

Highly-flexible servo cables suitable for connecting cables between servo controllers and motors in machine tools and drag chains with medium mechanical stress.

Part Number	Cross section mm ² (AWG)	OD mm (inch)	CU weight kg/km (lbs/Mft)	Cable weight kg/km (lbs/Mft)
6FX8008-1BA35	4G 35 + 2 x 1.50	29.80 (1.13)	159.50 (107.3)	201.50 (135.60)
6FX8008-1BA61	4G 16 + 2 x 1.50	22.50 (0.88)	81.60 (54.90)	110.00 (74.00)
6FX8008-1BA25	4G 25 + 2 x 1.50	26.20 (1.03)	117.20 (78.80)	149.00 (100.30)
6FX8008-1BA51	4G 10 + 2 x 1.50	19.90 (0.78)	56.00 (37.70)	78.20 (52.60)
6FX8008-1BA41	4G 6 + 2 x 1.50	16.80 (0.66)	36.50 (24.60)	54.00 (36.30)
6FX8008-1BA11	4G 1.5 + 2 x 1.50	11.60 (0.46)	16.40 (11.00)	24.40 (16.40)
6FX8008-1BA21	4G 2.5 + 2 x 1.50	13.40 (0.53)	18.90 (12.70)	31.00 (20.90)
6FX8008-1BA31	4G 4 + 2 x 1.50	14.80 (0.58)	26.10 (17.60)	40.80 (27.50)
6FX8008-1BB11	4 X 1.5 (16)	9.00 (0.35)	9.00 (6.10)	15.90 (10.70)
6FX8008-1BA50	4G 50 + 2 x 1.50	34.00 (1.34)	221.40 (149.90)	275.40 (185.30)
6FX8008-1BB21	4 X 2.5 (12)	10.60 (0.42)	13.50 (9.10)	23.50 (15.80)
6FX8008-1BB31	4 X 4 (12)	11.90 (0.47)	20.60 (13.90)	32.30 (21.70)
6FX8008-1BB41	4 X 6 (10)	14.70 (0.58)	31.50 (21.20)	46.40 (31.20)
6FX8008-1BB51	4 X 10 (8)	17.50 (0.69)	48.80 (32.80)	67.20 (45.20)
6FX8008-1BB61	4 X 16 (6)	21.60 (0.85)	76.90 (51.70)	108.90 (73.30)
6FX8008-1BB25	4 X 25 (4)	25.40 (1.00)	110.00 (74.00)	152.30 (102.50)
6FX8008-1BB35	4 X 35 (2)	29.70 (1.17)	151.00 (101.60)	208.00 (140.00)
6FX8008-1BB50	4 X 50 (1-1/0)	33.40 (1.31)	213.00 (143.30)	271.00 (182.30)
6FX8008-1BB70	4 X 70 (2/0)	42.50 (1.67)	302.50 (203.50)	412.30 (277.40)