



Flexible Power Cables

Flexible Control PVC/NBR 0.3/0.5kV



Cable Construction

*Conductors annealed fine wires of plain electrolytic copper stranded for high flexibility.

PVC Insulated

Cores: white insulated with sequential black numbers, 1green/yellow

Protective sheath of flame retardant NBR Elastomer for outstanding flexibility & durability in most hostile environments.
UV stabilised & flame retardant

Screening if applicable will be tinned copper braid. 85% minimum coverage. Suitable for protection against EMI Radiation

Temperature Range

Static - 30 to + 80 degree C

Flexing -5 to + 70 degree C

Rated Voltage

300/500 volts

Relevant Standards

VDE 0295 class 5 [conductor] VDE

0812 [cores] IEC 332-1

Maximum Conductor Temperature

90 degree C

Bending Radius For flexing application:

15 times diameter unscreened

20 times diameter screened

Applications

As power control or signal cables on machines, portable tools, conveying equipment & similar industrial applications.

Part No	No of Cores Section mm square	Approx O.D. mm	Approx Weight Kg/Km	Nylon Gland	Metal Gland IP66
77720205	2 x 0.5	4.8	35	NGM12	MG20-16
77720305	3 x 0.5	5.1	42	NGM12	MG20-16
77720405	4 x 0.5	5.7	54	NGM16	MG20-16
77720505	5 x 0.5	6.6	67	NGM16	MG20-16
77720705	7 x 0.5	7.0	84	NGM16	MG20-S
77721205	12 x 0.5	9.4	131	NGM20	MG20-S
77721805	18 x 0.5	11.1	192	NGM20	MG20
77722505	25 x 0.5	12.4	261	NGM25	MG20
77723005	30 x 0.5	13.3	304	NGM25	MG25
77724105	41 x 0.5	16.6	450	NGM25	MG25
77720375	3 x 0.75	6.0	66	NGM16	MG20-16
77720475	4 x 0.75	6.2	88	NGM16	MG20-16
77720575	5 x 0.75	7.1	100	NGM16	MG20-16
77720775	7 x 0.75	7.6	161	NGM16	MG20-16
77721275	12 x 0.75	10.6	247	NGM20	MG20-S
77721875	18 x 0.75	12.2	268	NGM25	MG20
77722575	25 x 0.75	14.3	465	NGM25	MG25
77720301	3 x 1.0	6.0	65	NGM16	MG20-16
77720401	4 x 1.0	6.5	79	NGM16	MG20-16
77720501	5 x 1.0	7.6	105	NGM16	MG20-16
77720701	7 x 1.0	8.0	131	NGM16	MG20-S
77721201	12 x 1.0	11.1	220	NGM20	MG20
77721801	18 x 1.0	13.4	315	NGM25	MG25
77722501	25 x 1.0	15.4	449	NGM25	MG25
77723601	36 x 1.0	18.2	620	NGM32	MG25
77724101	41 x 1.0	18.8	660	NGM32	MG25
77720215	2 x 1.5	8.5	84	NGM16	MG20-S
77720315	3 x 1.5	6.7	117	NGM16	MG20-S
77720415	4 x 1.5	8.3	121	NGM16	MG20-S
77720515	5 x 1.5	9.1	144	NGM20	MG20-S
77720715	7 x 1.5	9.7	237	NGM20	MG20-S
77721215	12 x 1.5	13.4	393	NGM25	MG25
77721815	18 x 1.5	16.2	465	NGM25	MG25
77721915	19 x 1.5	16.5	542	NGM32	MG25
77722515	25 x 1.5	19.5	655	NGM32	MG32
77723015	30 x 1.5	20.5	750	NGM32	MG32
77723715	37 x 1.5	22.0	980	NGM40	MG32
77725015	50 x 1.5	26.0	1224	NGM40	MG40
77720425	4 x 2.5	11.0	192	NGM20	MG20
77720725	7 x 2.5	13.0	310	NGM25	MG25
77721225	12 x 2.5	17.5	524	NGM32	MG25
77721825	18 x 2.5	21.0	784	NGM32	MG32
77722725	27 x 2.5	25.0	900	NGM40	MG40

Quick Reference

Current Capacities Page A20
Multi Core Deratings A21
Gland Options Page F8, F9 And F10