

Flexible Power Cables

XLPE/NBR 90C 0.6/1Kv Screened Flexible Variable Speed Drive Cable



Cable Construction

* Conductors of extra fine bare annealed copper wires.

Insulation

XLPE 90 Deg C

Screening

Aluminium/Mylar tape plus tinned copper braid up to 4.0mm, above is tinned copper braid

Sheath

Clear Sheath is TPE 1.5mm to 35.0mm
Back Sheath NBR to 6.0mm and CPE 10.0mm and above

Rated Voltage

0.6/1Kv

Relevant Standards

AS3147, IEC332-1

Maximum Conductor Temperature

-30 to +90 degree C

Colour

Black / Clear To 35.0mm

Black Only Over 35.0mm

Bending Radius

Fixed >20.0mm 7.5x diam <20.0mm 10x Cable diam

Flexing >20.0mm 15xcable diam <20.0mm x 20 cable diam

UV Stabilised and Flame Retardant

AS 3008.1.1 1998 Table 13 Fixed Table 15 Flexing

Part No	Cross Sectional area mm square	Power Cores	Earth Cores	Nominal overall Dia mm	Weight Kg/Km	Amps Spaced	EMC Compliant Metal Gland
77780315SC	1.5	2x1.5	1x1.5	12.5	155	24	MG20EMCL
77780325SC	2.5	2x2.5	1x2.5	13.5	195	34	MG25EMCL
77780415SC	1.5	3x1.5	1x1.5	13.5	195	20	MG25EMCL
77780425SC	2.5	3x2.5	1x2.5	14.5	245	28	MG25EMCL
77780404SC	4.0	3x4.0	1x4.0	16.5	350	38	MG25EMCL
77780406SC	6.0	3x6.0	3x1.5	19.5	445	48	MG32EMCL
77780410SC	10.0	3x10.0	3x1.5	21.5	675	66	MG40EMCL
77780416SC	16.0	3x16.0	3x2.5	23.5	955	88	MG40EMCL
777804025SC	25.0	3x25.0	3x4.0	28.5	1455	120	MG50EMCL
77780435SC	35.0	3x35.0	3x6.0	32.0	2200	145	MG50EMCL
77780450SC	50.0	3x50.0	3x10.0	40.0	3211	180	MG63EMCL
77780470SC	70.0	3x70.0	3x10.0	43.3	3950	230	Please Refer to Noremak For More Information On Larger Sizes And Options
77780495SC	95.0	3x95.0	3x16.0	48.7	5126	285	
777804120SC	120.0	3x120.0	3x16.0	51.3	5925	330	
777804150SC	150.0	3x150.0	3x25.0	58.5	7146	375	
77780525SC	2.5	4x2.5	1x2.5	18.7	533	28	MG32EMCL
77780506SC	6.0	4x6.0	1x6.0	21.0	952	48	MG40EMCL

Please refer to Australian Standards for full conditions and notes which refer to this table

Quick Reference

Current Capacities Page A21
Gland Options Page F9