

BGL SERIES

Standard Performance Flexible Earth Cable 0.6/1kV 90°C



APPLICATIONS:

Power Extreme flexibility for use in switchboards, flexible droppers from busbars, transformers, load banks or other equipment requiring fixed or flexible earth cable.

Pumping Suitable for permanent submersion to 200 metres.

Welding Suitable for welding and electrode leads.

PRODUCT FEATURES:

- ▶ Water and moisture resistant
- ▶ UV stabilised
- ▶ Flame retardant
- ▶ Heat, oil and chemical resistant (See *Technical Section*)

CONSTRUCTION:

Conductor Annealed plain copper stranded extreme flexibility (Class 5 & 6).

Insulation SPVC V-90HT.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 90°C / Flexing -5°C to 75°C.

Maximum Conductor Temperature 105°C.

Rated Voltage U_o/U 0.6/1kV.

Max AC Operating Voltage U_o 0.7kV.

Minimum Bending Radius Fixed 4 x cable diameter / Flexing 5 x cable diameter.

Sheath Colour Green / Yellow.

Relevant Standards IEC 60332-1, AS/NZS 5000.1, AS/NZS 3808, AS/NZS 1125, **RoHS** Compliant.

Code	No. of Cores x Size (mm ²)	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)
BGL006	1 x 6.0	4.7	102
BGL010	1 x 10.0	6.2	149
BGL016	1 x 16.0	7.3	214
BGL025	1 x 25.0	9.0	321
BGL035	1 x 35.0	10.2	423
BGL050	1 x 50.0	12.0	584
BGL070	1 x 70.0	13.9	790
BGL095	1 x 95.0	16.0	1028
BGL120	1 x 120.0	18.0	1287
BGL150	1 x 150.0	21.3	1500
BGL185	1 x 185.0	22.1	1706
BGL240	1 x 240.0	24.7	2235
BGL300	1 x 300.0	27.5	2781
BGL400	1 x 400.0	30.9	3613
BGL500	1 x 500.0	34.3	4603
BGL630	1 x 630.0	38.9	6101