

## 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<sub>o</sub>/U 0.6/1kV.

**Max AC Operating Voltage** U<sub>o</sub> 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 <sup>2</sup> )	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