

## BGLH SERIES

### Standard Performance Flexible LSHF Earth Cable 0.6/1kV 110°C



#### APPLICATIONS:

**Power** Extreme flexibility for use in data centres, 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:

- ▶ Low smoke halogen free
- ▶ 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).

**Insulation** X-HF-110.

#### CHARACTERISTICS:

**Operating Temperature Range** Fixed -40°C to 110°C / Flexing -5°C to 105°C.

**Maximum Conductor Temperature** 110°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, IEC 61034-2, IEC 60754-1, 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)
BGLH006	1 x 6.0	5.30	69
BGLH010	1 x 10.0	6.20	108
BGLH016	1 x 16.0	7.30	162
BGLH025	1 x 25.0	9.00	250
BGLH035	1 x 35.0	11.00	362
BGLH050	1 x 50.0	12.50	497
BGLH070	1 x 70.0	13.90	673
BGLH095	1 x 95.0	16.00	887
BGLH120	1 x 120.0	18.00	1137
BGLH150	1 x 150.0	20.00	1411
BGLH185	1 x 185.0	22.01	1706
BGLH240	1 x 240.0	22.74	2235
BGLH300	1 x 300.0	27.45	2781
BGLH400	1 x 400.0	30.91	3616
BGLH500	1 x 500.0	34.31	4603
BGLH630	1 x 630.0	38.94	6101