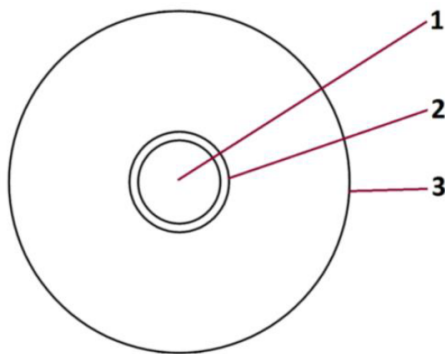




# C2149

## 60kV Single Core Polyethylene

### CONSTRUCTION



### KEY

<b>1. CONDUCTOR</b>	#18AWG (19/30) TIN PLATED COPPER
<b>2. SEMI-CON</b>	POLYETHYLENE Ø2.0mm ±0.25mm
<b>3. DIELECTRIC</b>	LDHMW POLYETHYLENE (NATURAL) Ø5.8mm ±0.25mm



### TECHNICAL INFORMATION

Part Number C2149		
Voltage	kV (DC)	60
	kV(AC)	20
Conductor Size	AWG	18
	mm <sup>2</sup>	1.02
Dielectric Material		LDHMW PE
Outside Diameter mm		5.8
Impedance (Ohms)		50
Capacitance (pf/m)		121
Min Bend Radius mm		64
Min Ambient Temp	°F	-60
	°C	-51
Max Conductor Temp	°F	140
	°C	60
Weight kg/m		0.03

# GLOBAL PRESENCE



**UK Office:**

Genvolt, New Road, Bridgnorth, Shropshire, WV16 6NN, United Kingdom

Tel: +44 (0) 1746 862 555

Email: [info@genvolt.co.uk](mailto:info@genvolt.co.uk) Website: [www.genvolt.com](http://www.genvolt.com)

**India Office:**

**Genvolt India Private Limited**

806, Suratwala Mark Plazzo, Hinjewadi Village, Hinjewadi, Pune, Maharashtra - 411057, India

Email: [supportindia@genvolt.co.uk](mailto:supportindia@genvolt.co.uk) Website: [www.genvolt.in](http://www.genvolt.in)

**Research and Development:**

**Genvolt Ltd**

New road, Bridgnorth, Shropshire, WV16 6NN

**Factories:**

**Genvolt Ltd**

New road, Bridgnorth, Shropshire, WV16 6NN

**Boher High Voltage Power Supplies Ltd (Genvolt China)**

No. 79 Yandangshan Road, Suyu District, Suqian City, Jiangsu, China