

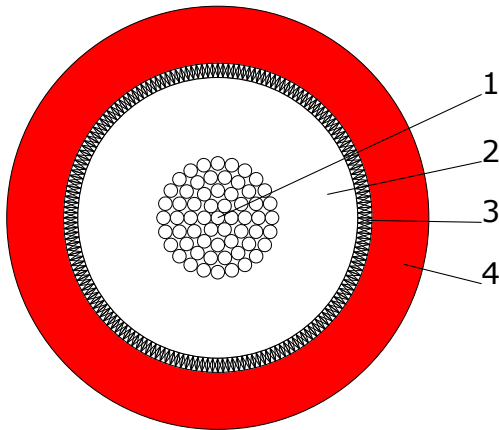
## HSL-15S-3.9-A-2

15kV<sub>DC</sub> - AWG12 - SILICONE DIELECTRIC

### PRODUCT DESCRIPTION

Flexible 15kV<sub>DC</sub> shielded high voltage cable for high voltage applications at high temperatures up to 150°C. The construction is based on a tin plated fine stranded conductor, silicone dielectric, tin plated fine stranded shield braid and a silicone jacket.

### CONSTRUCTION



<b>1. Conductor</b>	AWG12 Cu/Sn (61xAWG29 t.p.c.)	3.9mm <sup>2</sup> Ø 2.45mm
<b>2. Dielectric</b>	Silicone	Ø 5.9mm ± 0.15mm
<b>3. Braid</b>	Cu/Sn (0.15mm t.p.c.) ≥85% Coverage	Ø 6.5mm ± 0.2mm
<b>4. Jacket</b>	Silicone	Ø 8.9mm ± 0.25mm

### TECHNICAL DATA

<b>Rated Voltage</b>	15kV <sub>DC</sub>
<b>Test Voltage</b>	12.5kV <sub>AC</sub> (Spark Test, core) 5kV <sub>AC</sub> (Spark Test, jacket) 31kV <sub>DC</sub> /1min (core/braid)
<b>Conductor Resistance @ 20°C</b>	≤ 4.7Ω/km
<b>min. Bend Radius</b>	67mm (fixed)
<b>Operating Temperature</b>	-50°C - +150°C
<b>RoHS Compliant</b>	Yes
<b>Weight</b>	ca. 0.132kg/m
<b>Cu-Weight</b>	ca. 0.063kg/m
<b>Color</b>	red
<b>Status</b>	P (Preferred)

This cable can be terminated with our HC7 connector series.

