

## HSL-10S-1.5-U-A-2

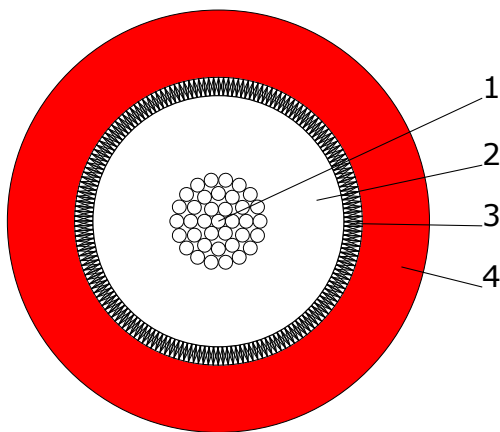
10kV<sub>DC</sub> - AWG16 - SILICONE DIELECTRIC

AWM STYLE 3239

### PRODUCT DESCRIPTION

Very flexible 10kV<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. UL recognized AWM style 3239.

### CONSTRUCTION



<b>1. Conductor</b>	AWG16 Cu/Sn (37xAWG31 t.p.c.)	1.5mm <sup>2</sup> Ø 1.56mm
<b>2. Dielectric</b>	Silicone	Ø 4.1mm
<b>3. Braid</b>	Cu/Sn (0.15mm t.p.c.) ≥80% Coverage	Ø 4.7mm
<b>4. Jacket</b>	Silicone	Ø 6.9mm ± 0.2mm

### TECHNICAL DATA

<b>Rated Voltage</b>	10kV <sub>DC</sub>
<b>Test Voltage</b>	10kV <sub>AC</sub> (Spark Test, core) 5kV <sub>AC</sub> (Spark Test, jacket) 21kV <sub>DC</sub> /1min (core/braid)
<b>Conductor Resistance @ 20°C</b>	≤ 13Ω/km
<b>min. Bend Radius</b>	52mm (fixed)
<b>Operating Temperature</b>	-50°C - +150°C
<b>RoHS Compliant</b>	Yes
<b>Weight</b>	ca. 0.074kg/m
<b>Color</b>	red
<b>Status</b>	Y (Preliminary)

This cable can be terminated with our HS/HB and HC7 connector series.

