Product Construction:

**Conductor:**
- 2.5 mm² (14 AWG) thru 10.0 mm² (8 AWG) fully annealed flexible stranded tinned copper with Class 5 stranding per EN 60228 (IEC 60228)

**Composite Insulation/Jacket (Sheath):**
- Zero-Halogen Cross-linked Polyethylene (ZH XLPE) with black Low-Smoke, Zero-Halogen Cross-Linked Polyolefin (LSZH XLPO)

**Print:**
- GENERAL CABLE® (PLANT OF MFG) SUNGEN® GLOBAL H1Z2Z2-K XX MM² (XX AWG) UL PV WIRE 2000 V DIR BUR OR RHW-2 90° WET OR DRY SUN RES -40°C ROHS MONTH/YEAR SEQ MARKING

**Applications:**
- Single conductor, sunlight-resistant photovoltaic wire rated for use between -40°C to +90°C, reliability at maximum conductor operating temperature of 90°C in excess of 40 years based on thermal endurance aging on insulation and jacket.
- Rated Voltage (INT): Photovoltaic wire for use on dc side of photovoltaic systems up to 1.5kVdc.
- Rated Voltage (US/CA/MX): Photovoltaic wire for use as interconnection wiring on grounded and ungrounded photovoltaic power systems in accordance with Article 690 of NFPA 70 (NEC).

**Features:**
- Rated 90°C wet and dry
- UV/sunlight-resistant
- Meets cold bend and cold impact tests at -40°C
- Suitable for direct burial

**Compliances:**
- Industry Compliances:
  - UL 4703 PV Wire
  - EN 50618 Electric Cables for photovoltaic systems
  - RoHS Compliant

**Flame Test Compliances:**
- UL 2556 FV-1
- EN 60332-1-2 vertical flame

**Packaging:**
- Material cut to length and shipped on non-returnable wood reels

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### CATALOG NUMBER

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<th>COND. SIZE</th>
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<th>MINIMUM AVG. JACKET (SHEATH) THICKNESS</th>
<th>NOMINAL CABLE DIAMETER</th>
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Dimensions and weights are nominal; subject to industry tolerances.