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All dimensions are in mm  
For more details, please see connectors TDS



#### DESIGNATION

Cable	<b>4mm ePTFE - solid cc - P/N - SHF4M</b>
Connector Left	<b>SMA 2.9 - straight plug - passivated stainless steel - P/N: R127801L11</b>
Connector Right	<b>SMA 2.9 - straight plug - passivated stainless steel - P/N: R127801L11</b>
Assembly Length	<b>1626 mm / 64.02 inch (tolerance = ± 2%)</b>
Assembly Weight	<b>81.04 gr / 2.86 oz (tolerance = ± 5%)</b>

#### ELECTRICAL CHARACTERISTICS

Characteristic impedance	<b>50 Ohms</b>
Max operating frequency	<b>40.0 GHz</b>
Assembly Typ Insertion Loss	<b>3.80 dB (at 20 °C, at 40.0 GHz )</b>
Assembly Typ VSWR	<b>1.30 (at 40.0 GHz )</b>
Assembly Max. Insertion Loss	<b>4.30 dB (at 20 °C, at 40.0 GHz )</b>
Assembly Max VSWR	<b>1.35 (at 40.0 GHz )</b>
Assembly Max Return Loss	<b>16.5 dB (at 40.0 GHz )</b>
Phase stability vs. Temp	<b>1,8°/m/GHz (-55 / +100°)</b>
Dielectric withstanding voltage	<b>1000 V</b>
Insulation resistance	<b>5000 M.Ohms</b>
Other	<b>Note: Max IL are indicative only when superior to 40dB</b>

#### MECHANICAL CHARACTERISTICS

Cable Outer diameter	<b>4.1 mm Max   0.161 inch</b>
Static bending radius	<b>20.0 mm   0.79 inch</b>
Dynamic bending radius	<b>40.0 mm   1.57 inch</b>

#### ENVIRONMENTAL CHARACTERISTICS

Temperature range	<b>-55 +125°C</b>
Fire resistance	<b>Yes</b>