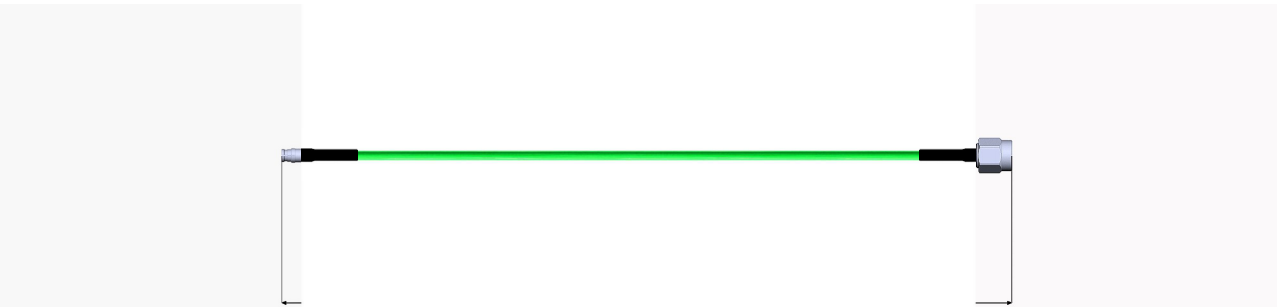


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All dimensions are in mm  
For more details, please see connectors TDS



**DESIGNATION**

Cable	<b>2.4mm ePTFE - solid cc - P/N - SHF2.4M</b>
Connector Left	<b>SMP - straight plug - gold plated CuBe2 - P/N: R222052000</b>
Connector Right	<b>SMA - straight plug - stainless steel - gold - P/N: R125052000</b>
Assembly Length	<b>330 mm / 12.99 inch (tolerance = ± 2%)</b>
Assembly Weight	<b>9.85 gr / 0.35 oz (tolerance = ± 5%)</b>

**ELECTRICAL CHARACTERISTICS**

Characteristic impedance	<b>50 Ohms</b>
Max operating frequency	<b>2.0 GHz</b>
Assembly Typ Insertion Loss	<b>0.48 dB (at 20 °C, at 2.0 GHz )</b>
Assembly Typ VSWR	<b>1.30 (at 2.0 GHz )</b>
Assembly Max. Insertion Loss	<b>0.54 dB (at 20 °C, at 2.0 GHz )</b>
Assembly Max VSWR	<b>1.35 (at 2.0 GHz )</b>
Assembly Max Return Loss	<b>16.5 dB (at 2.0 GHz )</b>
Phase stability vs. Temp	<b>3° / m / GHz (-55° / +100°C)</b>
Dielectric withstanding voltage	<b>500 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>2.45 mm Max   0.096 inch</b>
Static bending radius	<b>10.0 mm   0.39 inch</b>
Dynamic bending radius	<b>20.0 mm   0.79 inch</b>

**ENVIRONMENTAL CHARACTERISTICS**

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