

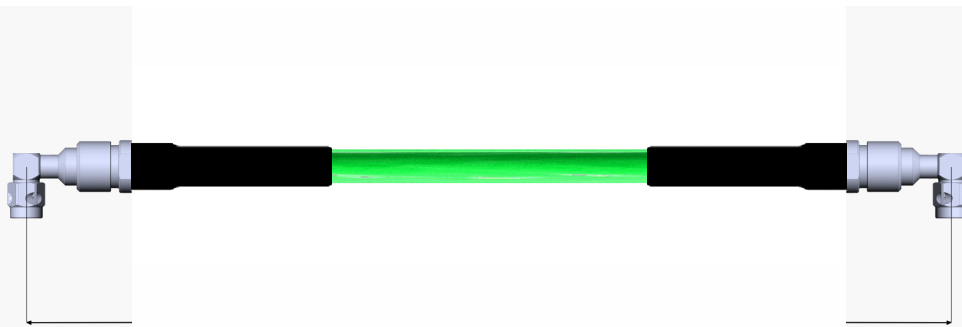
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SERIES **Flexible Low Loss**

PART NUMBER **0600600603048GX**

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



DESIGNATION

Cable	<b>8mm ePTFE - solid cc - P/N - SHF8M</b>
Connector Left	<b>SMA - right-angle plug - passivated stainless steel 316L - P/N: R125199L02</b>
Connector Right	<b>SMA - right-angle plug - passivated stainless steel 316L - P/N: R125199L02</b>
Assembly Length	<b>3048 mm / 120.00 inch (tolerance = ± 2%)</b>
Assembly Weight	<b>416.24 gr / 14.68 oz (tolerance = ± 5%)</b>

ELECTRICAL CHARACTERISTICS

Characteristic impedance	<b>50 Ohms</b>
Max operating frequency	<b>18.0 GHz</b>
Assembly Typ Insertion Loss	<b>2.41 dB (at 20 °C, at 18.0 GHz )</b>
Assembly Typ VSWR	<b>1.25 (at 18.0 GHz )</b>
Assembly Max. Insertion Loss	<b>2.63 dB (at 20 °C, at 18.0 GHz )</b>
Assembly Max VSWR	<b>1.30 (at 18.0 GHz )</b>
Assembly Max Return Loss	<b>17.7 dB (at 18.0 GHz )</b>
Phase stability vs. Temp	<b>1° / m / GHz (-55° / +100°C)</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>7.78 mm Max   0.306 inch</b>
Static bending radius	<b>40.0 mm   1.57 inch</b>
Dynamic bending radius	<b>80.0 mm   3.15 inch</b>

ENVIRONMENTAL CHARACTERISTICS

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