

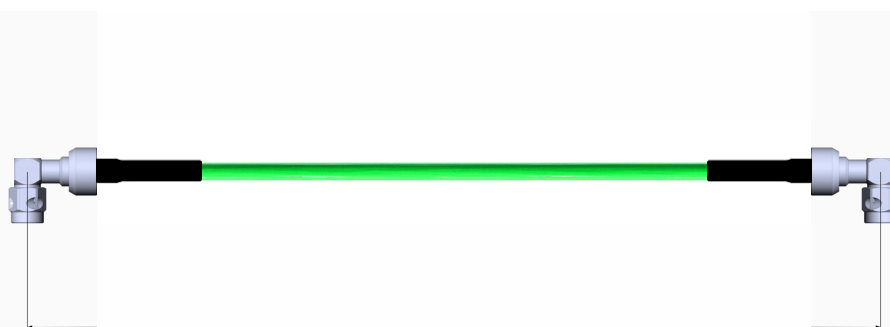
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SERIES **Flexible Low Loss**

PART NUMBER **0900570570254GX**

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



DESIGNATION

Cable	3mm ePTFE - solid cc - P/N - SHF3M
Connector Left	SMA - right-angle plug - passivated stainless steel 316L - P/N: R125194L00
Connector Right	SMA - right-angle plug - passivated stainless steel 316L - P/N: R125194L00
Assembly Length	254 mm / 10.00 inch (tolerance = ± 2%)
Assembly Weight	28.89 gr / 1.02 oz (tolerance = ± 5%)

ELECTRICAL CHARACTERISTICS

Characteristic impedance	50 Ohms
Max operating frequency	18.0 GHz
Assembly Typ Insertion Loss	0.74 dB (at 20 °C, at 18.0 GHz)
Assembly Typ VSWR	1.25 (at 18.0 GHz)
Assembly Max. Insertion Loss	0.81 dB (at 20 °C, at 18.0 GHz)
Assembly Max VSWR	1.30 (at 18.0 GHz)
Assembly Max Return Loss	17.7 dB (at 18.0 GHz)
Phase stability vs. Temp	3° / m / GHz (-55° / +100°C)
Dielectric withstanding voltage	1000 V
Insulation resistance	5000 M.Ohms
Other	Note: Max IL are indicative only when superior to 40dB

MECHANICAL CHARACTERISTICS

Cable Outer diameter	3.5 mm Max 0.138 inch
Static bending radius	12.5 mm 0.49 inch
Dynamic bending radius	25.0 mm 0.98 inch

ENVIRONMENTAL CHARACTERISTICS

Temperature range	-55 +125°C
Fire resistance	Yes