

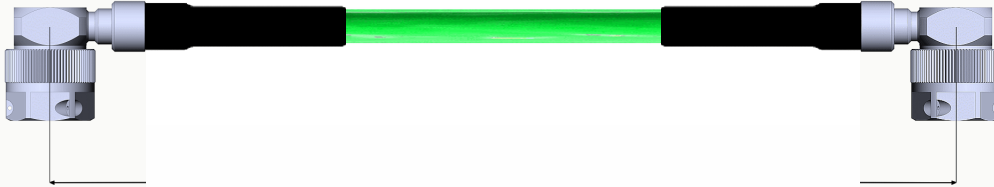
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SERIES **Flexible Low Loss**

PART NUMBER **0600850853048GX**

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



DESIGNATION

Cable	8mm ePTFE - solid cc - P/N - SHF8M
Connector Left	N 18 - right-angle plug - passivated stainless steel 316L - P/N: R163198L01
Connector Right	N 18 - right-angle plug - passivated stainless steel 316L - P/N: R163198L01
Assembly Length	3048 mm / 120.00 inch (tolerance = ± 2%)
Assembly Weight	506.24 gr / 17.86 oz (tolerance = ± 5%)

ELECTRICAL CHARACTERISTICS

Characteristic impedance	50 Ohms
Max operating frequency	18.0 GHz
Assembly Typ Insertion Loss	2.41 dB (at 20 °C, at 18.0 GHz)
Assembly Typ VSWR	1.25 (at 18.0 GHz)
Assembly Max. Insertion Loss	2.63 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	1° / m / GHz (-55° / +100°C)
Dielectric withstanding voltage	1500 V
Insulation resistance	5000 M.Ohms
Other	Note: Max IL are indicative only when superior to 40dB

MECHANICAL CHARACTERISTICS

Cable Outer diameter	7.78 mm Max 0.306 inch
Static bending radius	40.0 mm 1.57 inch
Dynamic bending radius	80.0 mm 3.15 inch

ENVIRONMENTAL CHARACTERISTICS

Temperature range	-55 +125°C
Fire resistance	Yes