

PAGE 1/1	ISSUE 28/08/2024	SERIES Flexible Low Loss	PART NUMBER 230176176A000PJ
----------	-------------------------	---------------------------------	------------------------------------

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



DESIGNATION

Cable	4mm ePTFE - solid cc - P/N - SHF4M
Connector Left	SMA 2.9 - straight plug - passivated stainless steel - P/N: R127801L11
Connector Right	SMA 2.9 - straight plug - passivated stainless steel - P/N: R127801L11
Assembly Length	10000 mm / 397.01 inch (tolerance = ± 2%)
Assembly Weight	416.00 gr / 14.67 oz (tolerance = ± 5%)

ELECTRICAL CHARACTERISTICS

Characteristic impedance	50 Ohms
Max operating frequency	40.0 GHz
Assembly Typ Insertion Loss	21.32 dB (at 20 °C, at 40.0 GHz)
Assembly Typ VSWR	1.35 (at 40.0 GHz)
Assembly Max. Insertion Loss	24.29 dB (at 20 °C, at 40.0 GHz)
Assembly Max VSWR	1.40 (at 40.0 GHz)
Assembly Max Return Loss	15.6 dB (at 40.0 GHz)
Phase stability vs. Temp	1,8°/m/GHz (-55 / +100°)
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	4.1 mm Max 0.161 inch
Static bending radius	20.0 mm 0.79 inch
Dynamic bending radius	40.0 mm 1.57 inch

ENVIRONMENTAL CHARACTERISTICS

Temperature range	-55 +125°C
Fire resistance	Yes