

Cable Assembly Specification

Rosenberger NA P/N: L71-404-XXX



Description

Rosenberger: Cable: RTK-Flex-405-SPC-FEP
Connector Combination: SMA+ (m) straight / SMA+ (m) straight
Length in millimeters: (XXX mm)

General Electrical Specifications

Impedance:	50 $\pm$ 2 Ohms
Operating Frequency:	DC to 36 GHz
Return Loss:	18 dB minimum up to 36 GHz
Cable Insertion Loss:	5.2 dB/m @ 36 GHz (typical)
Velocity of Propagation (%):	69.5 % nominal
Shielding Effectiveness:	>100 dB@ 1GHz
Working Voltage:	850 Vrms

Mechanical Specification

Cable Diameter:	2.64 mm nominal
Minimum Bend Radius:	6.35 mm
Mating Torque:	0.8 Nm to 1.1Nm
Mating Cycles:	> 500
Temperature Range:	-65°C to +155°C

MATERIALS AND FINISHES

Cable:	RTK-FS-085-FEP; SCPW Center Conductor,
Connector Interface	Per MIL-STD-348A
Connector Types, Material & Plating	Coupling nut: passivated stainless steel Outer contact: gold plated beryllium copper or equivalent Center conductor: gold plated brass

Part Number	Length (End to End, mm)
L71-404-305	305
L71-404-457	457
L71-404-610	610
L71-404-915	915
L71-404-1220	1220
L71-404-1830	1830

* For pair matching requirements, please contact the factory

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