

Cable Assembly Specification

Rosenberger NA P/N: L71-438-XXX

RoHS Compliant



Description

Rosenberger: Cable: RTK-Flex405-SPC-FEP
Connector Combination: SMA+ (m) straight / SMA+ (f) straight
Length in millimeters: (XXX mm)

General Electrical Specifications

Impedance:	50 ± 2 Ohms
Operating Frequency:	DC to 32 GHz
Return Loss:	18 dB minimum up to 32 GHz
Cable Insertion Loss:	5.0 dB/m @ 30 GHz (typical)
Velocity of Propagation (%)	69.5 % nominal
Shielding Effectiveness (dB@ 1GHz)	>100 dB
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-Flex405-SPC-FEP
Connector Interface	Per MIL-STD-348A
Connector Types, Material & Plating	Coupling Nut: Passivated Stainless Steel; typical Outer Contact; Gold Plated Beryllium Copper or equivalent Center Conductor; Gold Plated brass

Part Number	Length (End to End, mm)
L71-438-305	305
L71-438-457	457
L71-438-610	610
L71-438-915	915
L71-438-1220	1220
L71-438-1830	1830

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* For pair matching requirements, please contact the factory