

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 ± 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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