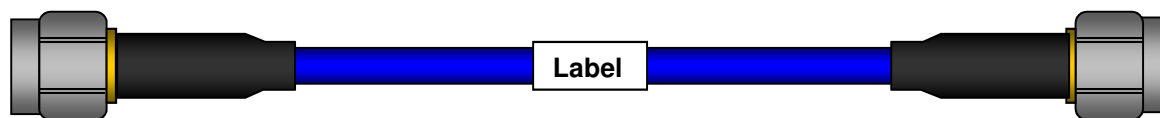


Cable Assembly Specification

Rosenberger NA p/n: 71D-32S1-32S1-XXXXX



Description

Rosenberger: Cable; RTK-Flex 405
Connector Combination; SMA (m) straight / SMA (m) straight
Length in millimeters: (XXXXX mm)

General Electrical Specifications

Impedance:	50 +/- 2 Ohms
Operating Frequency:	DC to 18 GHz
Return Loss:	15 dB minimum up to 18 GHz
Cable Insertion Loss:	3.64 dB/m @ 18 GHz (typical)
Velocity of Propagation (%)	70% nominal
Shielding Effectiveness (dB@ 1GHz)	>100 dB
Working Voltage	480 Vrms

Mechanical Specification

Cable Diameter:	2.64 mm nominal
Minimum Bend Radius:	6.35 mm
Mating Torque: SMA	0.8 Nm to 1.1Nm
Mating Cycles	> 500
Temperature Range:	-65° c to 165° c

MATERIALS AND FINISHES

Cable:	RTK-Flex405-FEP; SCP Center Conductor,
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