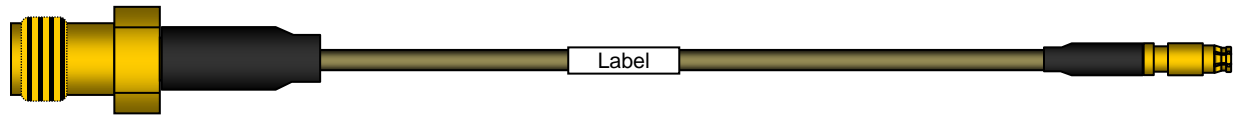


Cable Assembly Specification

Rosenberger PN: 70W-32K1-W1K1-XXXXX

**RoHS Compliant****Description**

Rosenberger:	Cable:	RTK-Flex 047
	Connector Combination:	SMA female / WSMP female
	Length in millimeters:	XXXXX (end-to-end)
	RoHS:	Compliant

General Electrical Specifications

Impedance:	50 ± 1 Ohms
Operating Frequency:	DC to 18 GHz
Return Loss:	15 dB min up to 18 GHz
Cable Insertion Loss:	5.9 dB/m max @ 18 GHz
Velocity of Propagation (%):	70% nominal
Shielding Effectiveness:	> 100 dB @ 1 GHz
Working Voltage:	150 Vrms

Mechanical Specification

Cable Diameter:	1.42mm nominal
Minimum Bend Radius:	5.0mm (single); 10mm (multiple)
Mating Torque: SMA	0.8 Nm to 1.1Nm
Engagement/disengagement force:	11 N / 29 N typical with full detent mate
Mating Cycles:	> 100 (full detent mate)
Temperature Range:	-40°C to +125°C

Materials and Finishes

Cable:	RTK-Flex047-SPC-FEP
Connector Interfaces:	Per MIL-STD-348B
Connector Types, Material & Plating:	
SMA female:	Outer contact: gold plated beryllium copper or equivalent Center contact: gold plated beryllium copper
WSMP female:	Outer & center contacts: gold plated beryllium copper

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [RF Cable Assemblies](#) category:

Click to view products by [Rosenberger](#) manufacturer:

Other Similar products are found below :

[73-6352-10](#) [73-6353-3](#) [73-6364-6](#) [R285001001](#) [R288940004](#) [145111-05-12.00](#) [1661-C-24](#) [1801171170914KE](#) [24P104C24J1-012](#)
[24P104C24P1-006](#) [24P104C24P1-018](#) [24P204C24J1-003](#) [172-2150-EX](#) [1800920920914PJ](#) [FCB-3030-ALT](#) [21117-046](#) [21117-050](#) [PCX-24-](#)
[50](#) [24P103C24P2-003](#) [25P203C25P2-003](#) [R284008001](#) [R285001021](#) [R285426000](#) [R288940003](#) [4814-BB-24](#) [5260-72](#) [JT2N1-CL1-1F](#) [DLP-](#)
[COAX1](#) [4814-K-48](#) [115101-09-06.00](#) [MXHT83QE3000](#) [CCNTN2-MM-LL335-26](#) [73-6351-25](#) [73-6352-3](#) [73-6353-25](#) [1800920920610PJ](#)
[GD0BQ0BQ024.0](#) [1-3636-600-5210](#) [TL8A-11SMA-11SMA-01500-51](#) [R284C0351060](#) [R288940009](#) [R284C0351028](#) [R288940002](#) [9702-](#)
[1SL-1](#) [PT82NSMA](#) [73-6353-10](#) [R285020301W](#) [PCX-18-50](#) [Minibend-9](#) [Minibend-4](#)