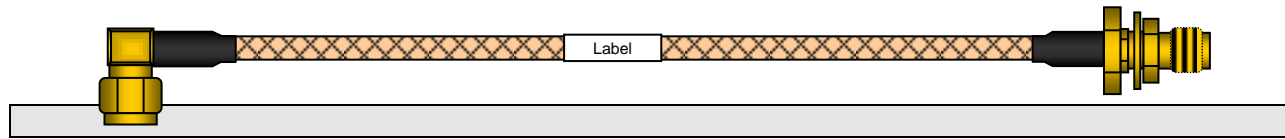


## Cable Assembly Specification

Rosenberger NA p/n: 02E-32S2-32K6-XXXXX



Connector Combination: SMA (m) right angle / SMA (f) bulkhead  
Length in millimeters: (XXXXX mm)

### General Electrical Specifications

Impedance:	50 ± 2 Ohms
Operating Frequency:	DC to 5 GHz
Return Loss:	15 dB min up to 5 GHz
Cable Insertion Loss:	2.30 dB/m @ 5 GHz (typical)
Velocity of Propagation (%):	69.5% nominal
Shielding Effectiveness:	>38 dB @4 GHz
Working Voltage:	480 Vrms

### Mechanical Specification

Cable Diameter:	2.50mm nominal
Minimum Bend Radius:	Static: 25mm; dynamic: 38mm
Mating Torque:	SMA: 0.8 Nm to 1.1Nm
Mating Cycles:	> 500
Temperature Range:	-65°C to +165°C

### MATERIALS AND FINISHES

Cable:	RG 316/U
Connector Interfaces:	SMA: Per MIL-STD-348A

#### Connector Types, Material & Plating:

SMA (RA): Coupling nut: gold plated beryllium copper or equivalent  
Outer contact: gold plated beryllium copper or equivalent  
Body: gold plated beryllium copper or equivalent  
Center contact: gold plated brass

SMA (BKH): Outer contact: gold plated beryllium copper or equivalent  
Center contact: gold plated beryllium copper or equivalent

**Cable Assembly Specification**  
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