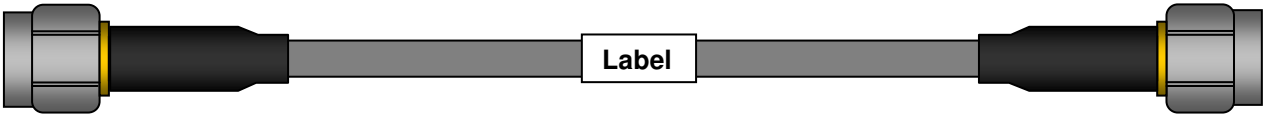


Cable Assembly Specification

Rosenberger NA p/n: 02E-32S1-32S1-XXXXX



Description

Rosenberger: Cable: RG316
 Connector Combination: SMA (m) / SMA (m)
 Length in millimeters: (XXXXX mm)
 Labels: < 1830mm, one in middle of cable
 ≥ 1830mm, two, each 150mm from each end

General Electrical Specifications

Impedance: 50 +/- 2 Ohms
 Operating Frequency: DC to 5 GHz
 Return Loss: 15 dB minimum
 Cable Insertion Loss: 2.3 dB/m @ 5 GHz (typical)
 Velocity of Propagation: 70% nominal
 Shielding Effectiveness: > 38 dB (@ 1GHz)
 Working Voltage: 300 Vrms

Mechanical Specification

Cable Diameter: 2.5 mm nominal
 Mating Torque: SMA 0.8 Nm to 1.1 Nm
 Mating Cycles: > 500
 Temperature Range: -65°C to 165°C

Materials and Finishes

Cable: RG 316
 Connector Interface: Per MIL-STD-348A
 Connector Types, Material & Plating: Center Conductor: AuroDur® Gold Plated Brass
 Outer Contact: AuroDur® Gold Plated Beryllium Copper or equivalent
 Coupling Nut: Gold Plated Beryllium Copper or equivalent