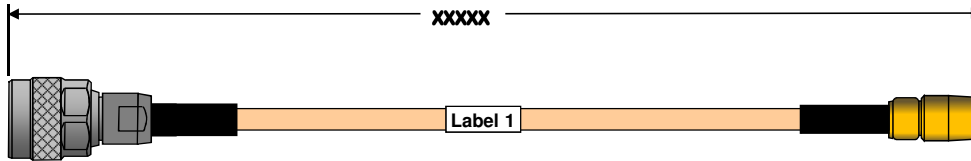


Description

Cable: RG 316/U
 Connector Combination; N (m) str / SMB (f) str
 Length in millimeters: XXXXX (mm)

RoHS / REACH Compliant



General Electrical Specifications

Impedance: 50 ± 2 Ohms
 Operating Frequency: DC to 4 GHz
 Return Loss: ≥ 15 dB Min
 Cable Insertion Loss: 2.10 dB/ m @ 4 GHz
 Velocity of Propagation (%): 70% nominal
 Working Voltage: 250 Volts rms

Mechanical Specifications

Cable Diameter: 2.5 mm nominal (over jacket)
 Minimum Bend Radius: Installation; 25 mm
 Mating Cycles: Min 500
 Temperature Range: -45° C to 85° C
 Connector Interface:

N: IEC 60169-16
 MIL PRF-39012
 CECC22210
 SMB IEC 60169-10
 MIL PRF-39012
 CECC22130

Materials and Finishes

Cable: Center Conductor; Stranded Silver Plated Copper
 Dielectric; PTFE
 Shield; Copper Wire Braid
 Jacket; FEP

Connector Types, Material & Plating:

SMB Center Contact; BeCu / Gold Plated
 Outer Contact; BeCu / Gold Plated
 Body: Brass / Gold Plated
 Dielectric Material; PTFE
 N: Center Contact; Spring Bronze / Gold Plated
 Outer Contact; Brass / Flash White Bronze over silver
 Body; Brass / Flash White Bronze over silver
 Dielectric Material; PTFE
 Gasket: Silicone Rubber

Strian relief Heat Shrink Tubing: Polyolefin

Part Number Order Number			End to End Length [mm]	Label marking content
02J-53S1-59K1-01219			1219	Rosenberger NA 02J-53S1-59K1-01219 wwyy

Dimensions are in Millimeters	Rosenberger® Rosenberger of North America, LLC	
Prepared by: John Lippert	DRG NO. 02J-53S1-59K1	Rev A
Released Date: 10/14/2016	SHT 1 OF 1	

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