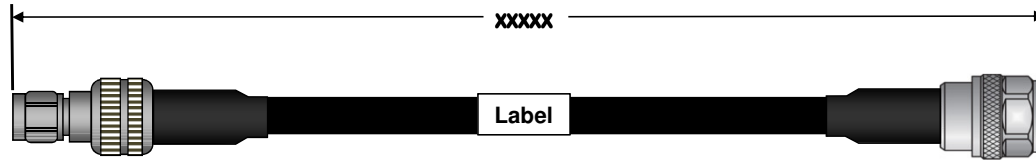


Description

Cable: Belden 9913F7
 Connector Combination; SMA (m) str / N (m) str
 Length in millimeters: XXXXX (mm)

RoHS / REACH Compliant



General Electrical Specifications

Impedance: 50 ± 2 Ohms
 Operating Frequency: DC to 5.8 GHz
 Return Loss: ≥ 14 dB ; DC to 5.8 GHz
 Cable Insertion Loss: 39.7 dB/ 100m @ 4 GHz
 Connector Insertion Loss: SMA: ≤ 0.25 dB
 N: ≤ 0.05 dB
 Velocity of Propagation (%): 85% nominal
 Working Voltage: 335 Volts rms
 Power , typical, cable only: 157 Watts @ 4 GHz

Mechanical Specifications

Cable Diameter: 10.29 mm nominal (over jacket)
 Minimum Bend Radius: Installation; 76.2 mm
 Mating Cycles: Min 500
 Temperature Range: -40° C to 80° C
 Connector Interface:

N: IEC 60169-16
 MIL PRF-39012
 CECC22210
 SMA: MIL-STD-348A
 IEC 60169-15

Materials and Finishes

Cable: Center Conductor; Stranded Copper
 Dielectric; Foam PE
 Shield (Foil); Bonded Aluminum Foil Polyester Tape
 Shield (Braid); Tinned Copper
 Jacket; PVC Blend / Black

Connector Types, Material & Plating:

SMA: Center Contact; Brass / Gold Plated
 Outer Contact; Brass / Gold Plated
 Coupling nut: Brass / Gold Plated
 Dielectric Material; PTFE
 Gasket: Silicone Rubber
 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
N9J-32S1-53S1-01219			1219	Rosenberger NA N9J-32S1-53S1-01219 wwyy

Dimensions are in Millimeters	Rosenberger®	
Prepared by: John Lippert	Rosenberger of North America, LLC	
Released Date: 9/7/2016	DRG NO. N9J-32S1-53S1	Rev A
	SHT 1 OF 1	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Rosenberger:](#)

[N9J-32S1-53S1-01219](#)