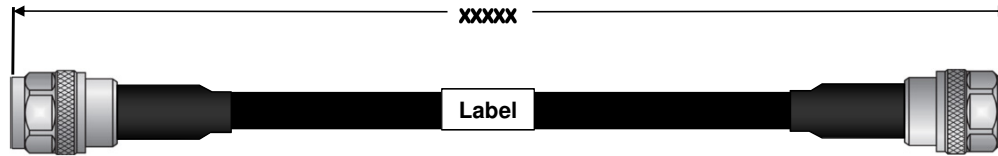


**Description**

Cable: Belden 9913F7  
 Connector Combination; N (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: N: ≤ 0.05 dB  
 Velocity of Propagation (%): 85% nominal  
 Working Voltage: 500 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

**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:**

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-53S1-53S1-00914			914	Rosenberger NA N9J-53S1-53S1-00914 wwyy
N9J-53S1-53S1-01219			1219	Rosenberger NA N9J-53S1-53S1-01219 wwyy
N9J-53S1-53S1-01524			1524	Rosenberger NA N9J-53S1-53S1-01524 wwyy

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

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