

Description

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

RoHS / REACH Compliant



General Electrical Specifications

Impedance: 50 ± 2 Ohms (except UHF connectors are not impedance matched)
Operating Frequency: DC to 300 MHz
Return Loss: ≥ 20 dB ; DC to 300 MHz
Cable Insertion Loss: 6.7 dB/ 100m @ 200 MHz
Velocity of Propagation (%): 85% nominal
Working Voltage: 500 Volts rms
Power , typical, cable only: 805 Watts @ 200 MHz

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
UHF: IEC 60169-12

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:

UHF: Center Contact; Brass / Gold Plated
Outer Contact; Brass / Nickel Plated
Coupling nut: Brass / Nickel Plated
Dielectric Material; Phenolic
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-53S1-54S1-00914			914	Rosenberger NA N9J-53S1-54S1-00914 wwyy
N9J-53S1-54S1-01219			1219	Rosenberger NA N9J-53S1-54S1-01219 wwyy
N9J-53S1-54S1-01524			1524	Rosenberger NA N9J-53S1-54S1-01524 wwyy

Dimensions are in Millimeters	Rosenberger® Rosenberger of North America, LLC	
Prepared by: John Lippert	DRG NO. N9J-53S1-54S1	Rev A
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