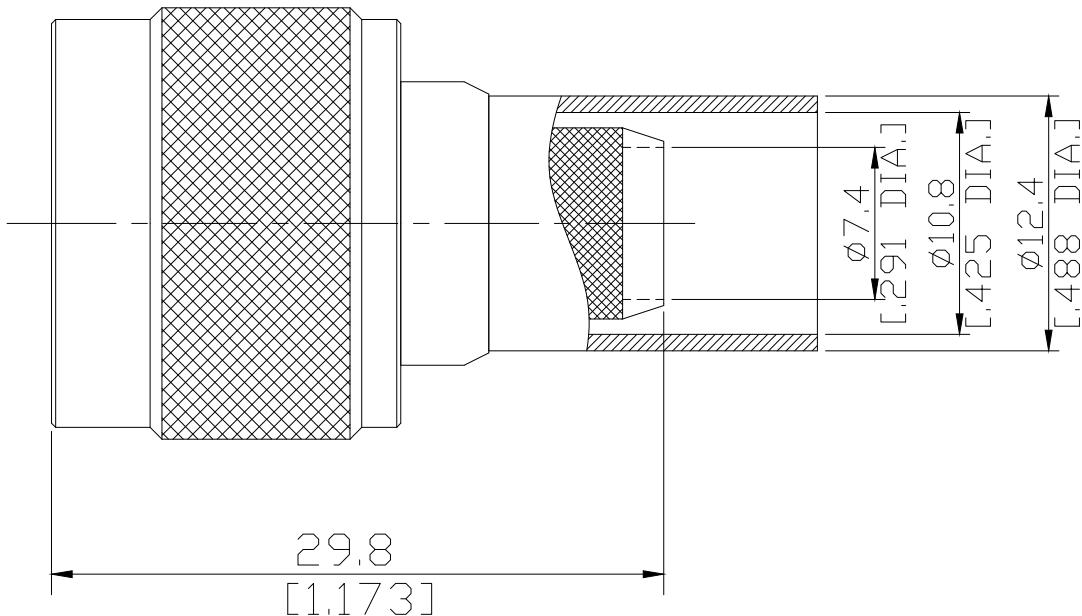


N Plug (Male) Connector Outer Conductor: Crimp  
Center Conductor: Solder Attachment For RG-213 DC-11GHz VSWR1.15

## N1C50-G213D / 133



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to

IEC 61169-16

MIL-STD-348B/304

### Electrical Data

Impedance

50 Ω

Frequency

DC to 11 GHz

VSWR (Return Loss)

≤ 1.15 ( $\geq 23$  dB)

Insertion Loss

≤ 0.5

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 1 mΩ

Outer Contact Resistance

≤ 0.25 mΩ

Working Voltage

1400 V rms

- Limitations are possible due to the used cable type -

### Material And Plating

Piece Parts	Material	Plating
Centre contact	Brass	Gold plating, 3 µinch (Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Ferrule	Brass	Nickel

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Rev.:-

Date:  
12/7/2020

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N-CAGE Code: SFKK0 / ISO9001 Certified

Page

1/2

N Plug (Male) Connector Outer Conductor: Crimp  
Center Conductor: Solder Attachment For RG-213 DC-11GHz VSWR1.20

## N1C50-G213D / 133

### Mechanical Data

Coupling Mechanisms	Screw-Lock
Mating Cycles	≥ 500
Coupling Nut Retention	≥ 450 N
Center contact captivation: axial	≥ 28 N
Coupling Test Torque	≤ 1.7 Nm
Recommended Torque	0.7 Nm to 1.1 Nm
Centre Contact	Soldered
Cable Entry	Crimped

### Environmental Data

Temperature Range	-65°C to +165°C
Thermal Shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

### Weight

N/A

### Packing

Single or 100