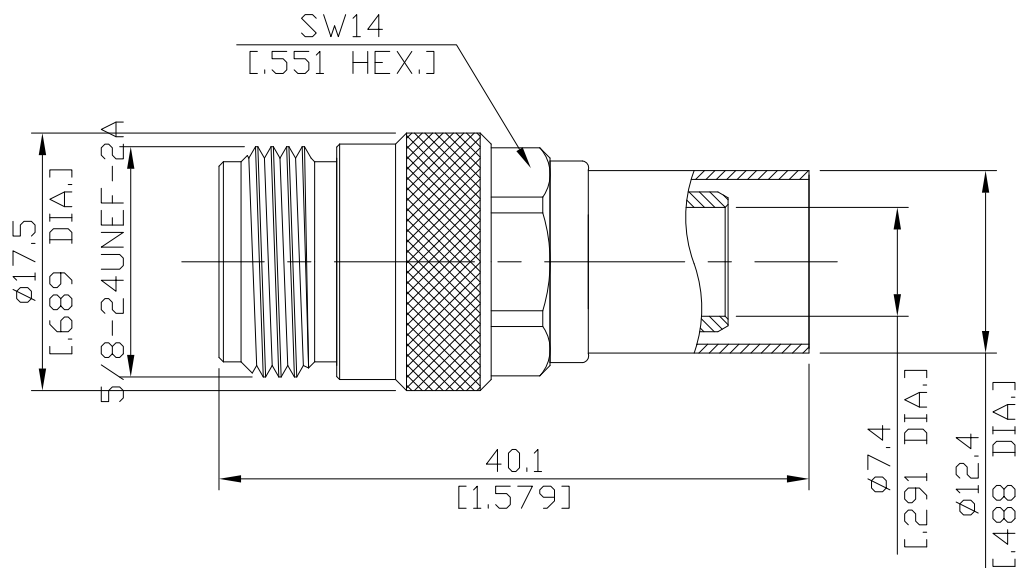


N Jack (Female) Connector Full Crimp Attachment for RG214
DC-11GHz VSWR1.15

N2CF50-G214A / 9X



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-16; MIL-STD-348B/304; CECC 22210; MIL-PRF-39012

Electrical Data

Impedance

50 Ω

Frequency

DC to 11 GHz

VSWR (Return Loss)

≤ 1.15 (≥ 23.13 dB)

Insertion Loss

≤ 0.5

Insulation Resistance

≥ 5 GΩ

Center Contact Resistance

≤ 1 mΩ

Outer Contact Resistance

≤ 0.25 mΩ

Working Voltage

500 V rms

Power handling (at 20 °C, sea level, VSWR 1.0)

1000 W @ 1 GHz

700 W @ 2 GHz

RF-leakage

≥ 128 dB up to 1 GHz

-VSWR in application depends decisive on cable assembly process-

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Stainless Steel	Passivated
Insulator	PTFE	
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy

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Mechanical Data

Coupling Mechanisms	Screw-Lock
Mating Cycles	min. 500
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	0.7 Nm to 1.1 Nm
Centre Contact	Soldered/Crimped
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

Suitable Cables

RG214

Packing

Single or 100