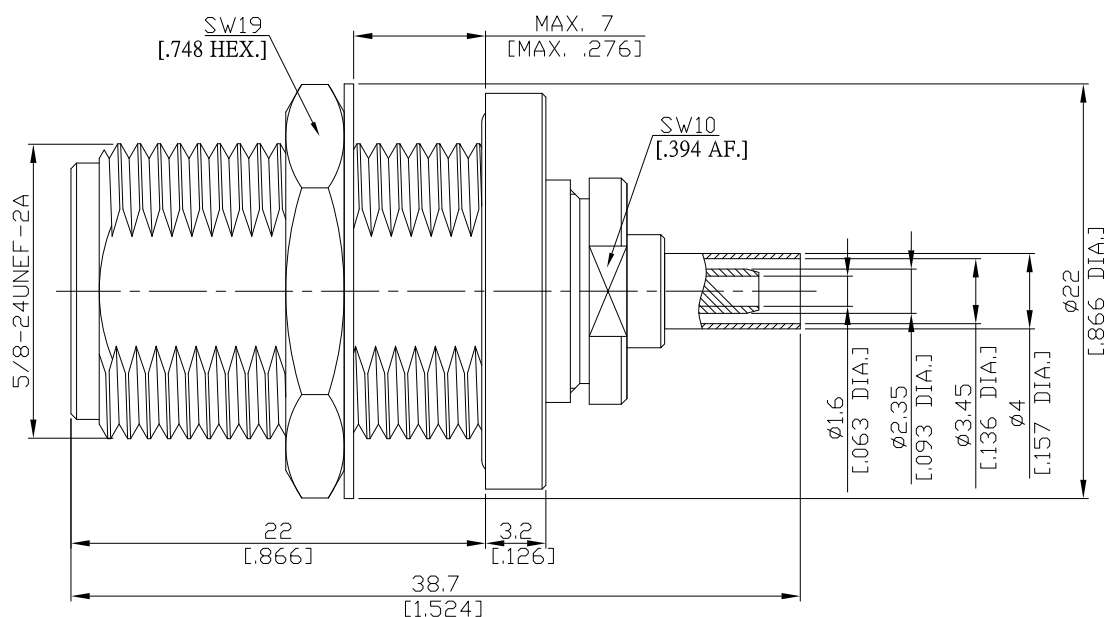


N Female Bulkhead Connector Crimp/Solder
Attachment for RG316-D, RG188-D, DC-11GHz VSWR1.30

N2CA50-D316A / H4



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)	≤ 1.3 (≥ 17.7 dB) DC to 11 GHz
Insertion Loss	≤ 0.5
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 1 mΩ
Outer Contact Resistance	≤ 0.25 mΩ
Working Voltage	500 V rms

- Limitations are possible due to the used cable type -

Material And Plating

Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Brass	Copper-Tin-Zinc-Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Ferrule	Brass	Copper-Tin-Zinc-Alloy

N Female Bulkhead Connector Crimp/Solder
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N2CA50-D316A / H4

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

Suitable Cables

RG316-D, RG188-D

Weight

N/A

Packing

Single or 100