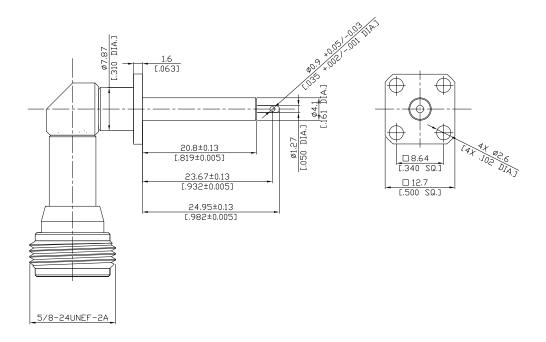


Technical Data Sheet

N Right-Angle Low PIM Jack (Female) Connector Non-Solder Attachment 4 Hole Flange Mount Solder cup Terminal, 8.64mm (.340 inch) Hole Spacing DC-5GHz VSWR1.12

N2GFE59-4547B / 90-LP



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

According to

Interface

Electrical Data Impedance

Frequency

VSWR (Return Loss)

Insertion Loss

Insulation Resistance

Center Contact Resistance Outer Contact Resistance

Working Voltage (at sea level)

Power handling

RF-leakage

Intermodulation (3rd order)

IEC 61169-16; MIL-STD-348B/304

50 Ω

DC to 5 GHz

≤1.12 (≥24.94 dB)

≤ 0.05 dB ≥ 5 GΩ

 $\leq 1 \text{ m}\Omega$

 $\leq 0.25~\text{m}\Omega$

500 V rms

1000 W @ 1 GHz

≤ 128 dB up to 1 GHz

≥160 dBc (2 x 43 dBm)

Material And Platina

Piece Parts	Material	Plating
Cantra gantagt	Beryllium Copper	Gold plating (≥100 microinches; per MIL-G-45204
Centre contact		; type I; grade C; class 2)
Body	Brass	Silver plating (≥50 microinches; per MIL-G-45204)
Insulator	PTFE	

700 W @ 2 GHz

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology Co., Ltd.	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	O
In the effort to improve our products, we reserve the right to make changes $$	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/2
judged to be necessary.	JUL/16/2021	N-CAGE Code: SFKK0 / ISO9001 Certified	1/ 2



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Mechanical Data

Coupling mechanisms
Mating Cycles
Centre Contact
Terminal Type
Captivated Type
Coupling Test Torque
Recommended Torque

Environmental Data

Temperature Range
Thermal shock
Corrosion
Vibration
Shock
Moisture Resistance
RoHS

Packing

Screw-lock ≥ 500 Soldered Solder cup Mechanical 1.7 Nm max.

-55°C to +155°C

0.7 Nm to 1.1 Nm

MIL-STD-202, Meth. 107, Cond. B MIL-STD-202, Meth. 101, Cond. B MIL-STD-202, Meth. 204, Cond.D MIL-STD-202, Meth. 213, Cond. I MIL-STD-202, Meth. 106 compliant

Single or 100

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Rev.:-Date: JUL/16/2021 Rosnol RF/Microwave Technology Co., Ltd. www.rosnol.com; info@rosnol.com Phone: +886-3-463-5095 / Fax: +886-3-463-5952 N-CAGE Code: SFKKO / ISO9001 Certified