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Telegartner N Straight Jack Crimp G37 (9913 Belden) crimp/crimp

SKU
ACC-TG-00030
MPN
100024015

Description

The Telegärtner N Straight Jack Crimp G37 (SKU: ACC-TG-00030, Part No. 100024015) is an RF connector designed for superior performance in demanding applications. This N Female connector features a straight, free-hanging design, compatible with RG-8 cables via a crimp attachment. With dimensions of 42.6 x 12.5 mm, it is lightweight and robust, constructed from a lead-brass alloy with copper-silver plating to ensure durability and excellent conductivity. The inner contacts also utilise a copper-silver plated brass for optimal signal transmission, and the PTFE/Teflon insulator provides reliable electrical isolation.

Operating within a frequency range of 0 to 4.0 GHz, this connector is engineered for stability, with an input impedance of 50 Ω. It meets RoHS compliance standards, ensuring environmental safety. The connector delivers outstanding performance, with a return loss of ≤ 34.00 dB and an insertion loss of 0.10 dB at 1000 MHz...

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Telegärtner

As family-owned company the Telegärtner Group has developed to an international network of affiliated companies specialising in intermediate and end products for telecommunications and data communications for customers with the most exacting demands for high-tech applications over the last 70 years.

Since the company was set up in 1945 Telegärtner has seen steady growth and has continually expanded ...

RF Connector Interface

RF Interface	Body Shape	Mounting
N Female	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
4 GHz
Input Impedance
50 Ω
VSWR Measurement

Frequency	Return Loss	Insertion Loss
1000 MHz	≤ 34 dB	0.1 dB
2000 MHz	≤ 30.5 dB	0.1 dB
3000 MHz	≤ 28 dB	0.1 dB

Physical Specification

Cable Group

RG-8

Body Material

Lead-Brass Alloy (CuZn39Pb3)

Body Plating

Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)

Insulator Material

PTFE / Teflon

Dimensions

42.6 x 12.5

Compliance/Certifications

RoHS

Conductor Attachment

Cable, Crimp

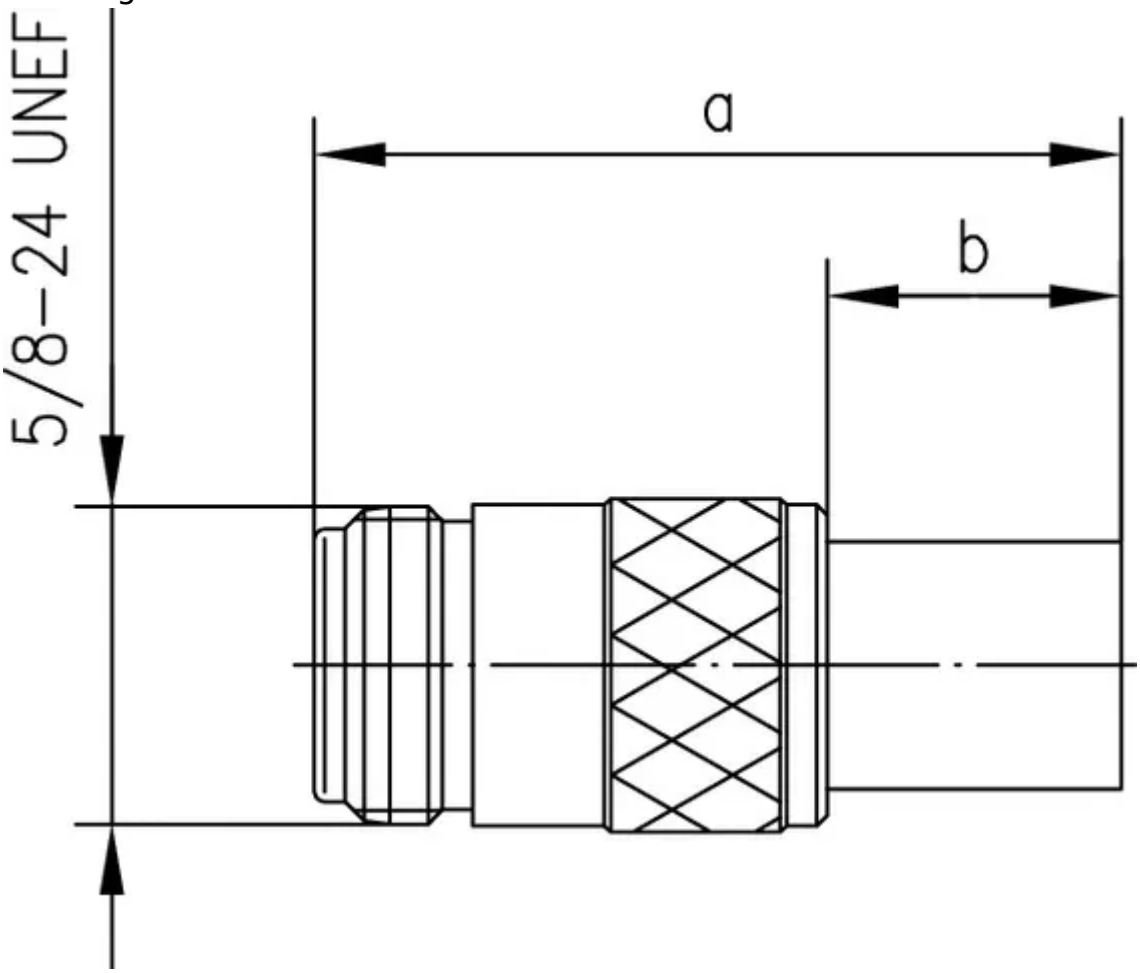
Contact Material

Brass

Contact Plating

Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)

Drawing



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