

# Telegärtner 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  $\leq 34.00$  dB and an insertion loss of 0.10 dB at 1000 MHz...

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## Telegärtner



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# RF Connector Interface

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RF Interface	Body Shape	Mounting
N Female	Straight	Free Hanging

## RF Specification

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Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	4 GHz		

## VSWR Measurement

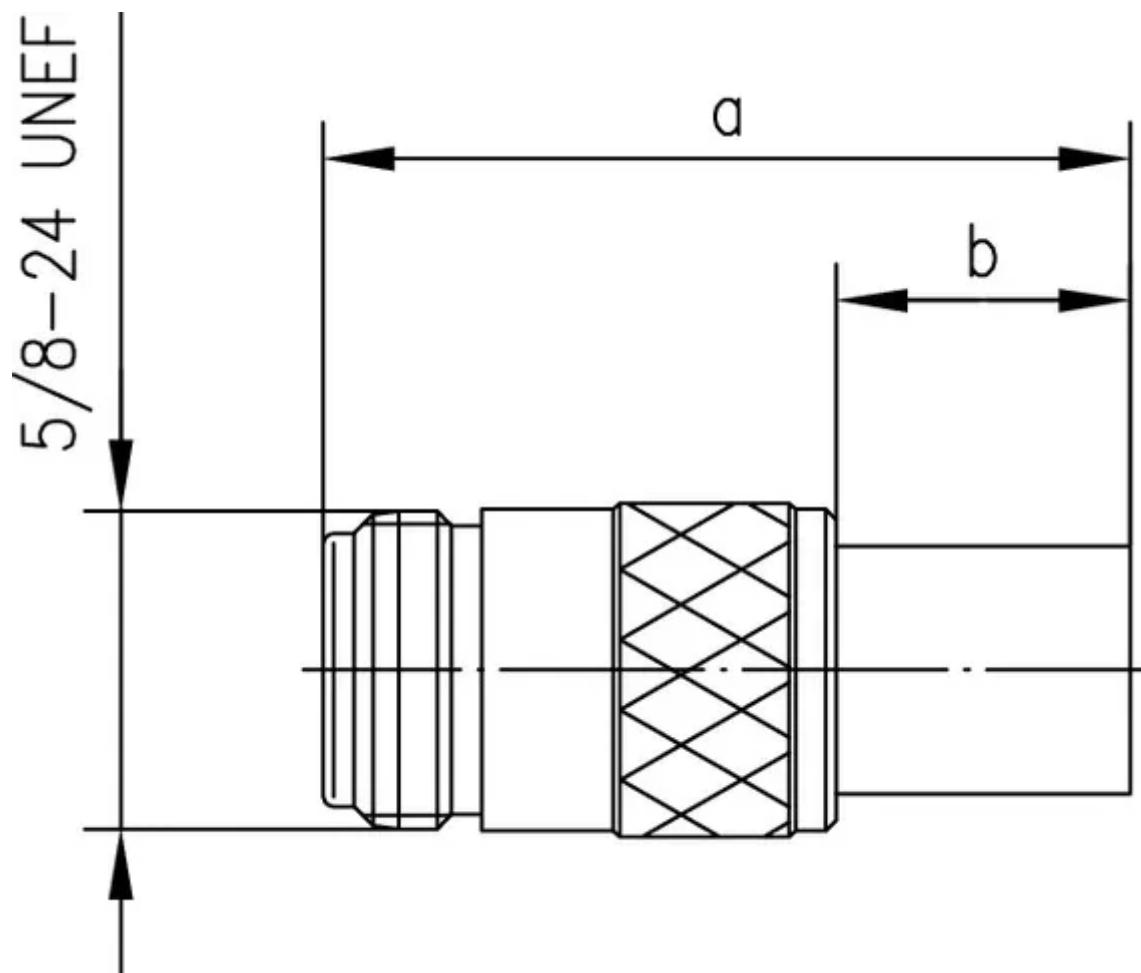
Frequency	Return Loss	Insertion Loss
1000 MHz	≤ 34 dB	0.1 dB
2000 MHz	≤ 30.5 dB	0.1 dB
3000 MHz	≤ 28 dB	0.1 dB

## Physical Specification

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Cable Group:	RG-8	Conductor Attachment:	Cable, Crimp
Body Material:	Lead-Brass Alloy (CuZn39Pb3)	Contact Material:	Brass
Body Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)	Contact Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)
Insulator Material:	PTFE / Teflon		
Dimensions:	42.6 x 12.5		
Compliance/Certifications:	RoHS		

Drawing



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