

# Telegartner N Straight Plug Crimp G1 (RG-58C/U) crimp/crimp

SKU

ACC-TG-00017

MPN

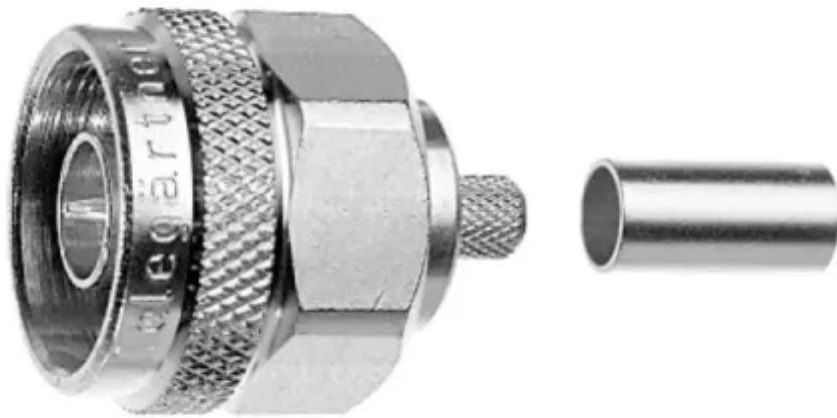
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## Description

The Telegärtner N Straight Plug Crimp G1 is a high-performance coaxial RF connector designed for professional telecommunications and data communications applications. This N Male connector features a straight body and a free-hanging mounting style, making it ideal for seamless integration with RG-58 cable types using a crimp attachment mechanism. Its robust construction from lead-brass alloy, with copper-silver alloy plating, ensures excellent durability and reliable connectivity.

Engineered to operate within a frequency range of 0 to 11 GHz, this connector is suitable for a wide array of RF applications, including wireless communication systems and antenna connections. It supports an impedance of 50 ohms, making it compatible with standard RF systems while maintaining signal integrity through low inner and outer contact resistance. The PTFE/Teflon insulator provides excellent thermal stability, allowing the connector to function in...

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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 Male](#)

[Straight](#)

[Free Hanging](#)

## RF Specification

Start Frequency

0 GHz

Stop Frequency

11 GHz

Input Impedance

50  $\Omega$

Inner Contact Resistance

$\leq 1.5 \text{ m}\Omega$

Insulation Resistance

$\geq 5000 \text{ m}\Omega$

Outer Contact Resistance

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

VSWR Measurement

### Frequency Return Loss

1000 MHz  $\leq 34 \text{ dB}$

2000 MHz  $\leq 29 \text{ dB}$

4000 MHz  $\leq 25 \text{ dB}$

11000 MHz  $\leq 24 \text{ dB}$

## Physical Specification

Cable Group

[RG-58](#)

Body Material

[Lead-Brass Alloy \(CuZn39Pb3\)](#)

Body Plating

[CuSnZn3](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

32.8 x 20.8

Compliance/Certifications

[RoHS](#)

Conductor Attachment

[Cable, Crimp](#)

Contact Material

[Lead-Brass Alloy \(CuZn39Pb3\)](#)

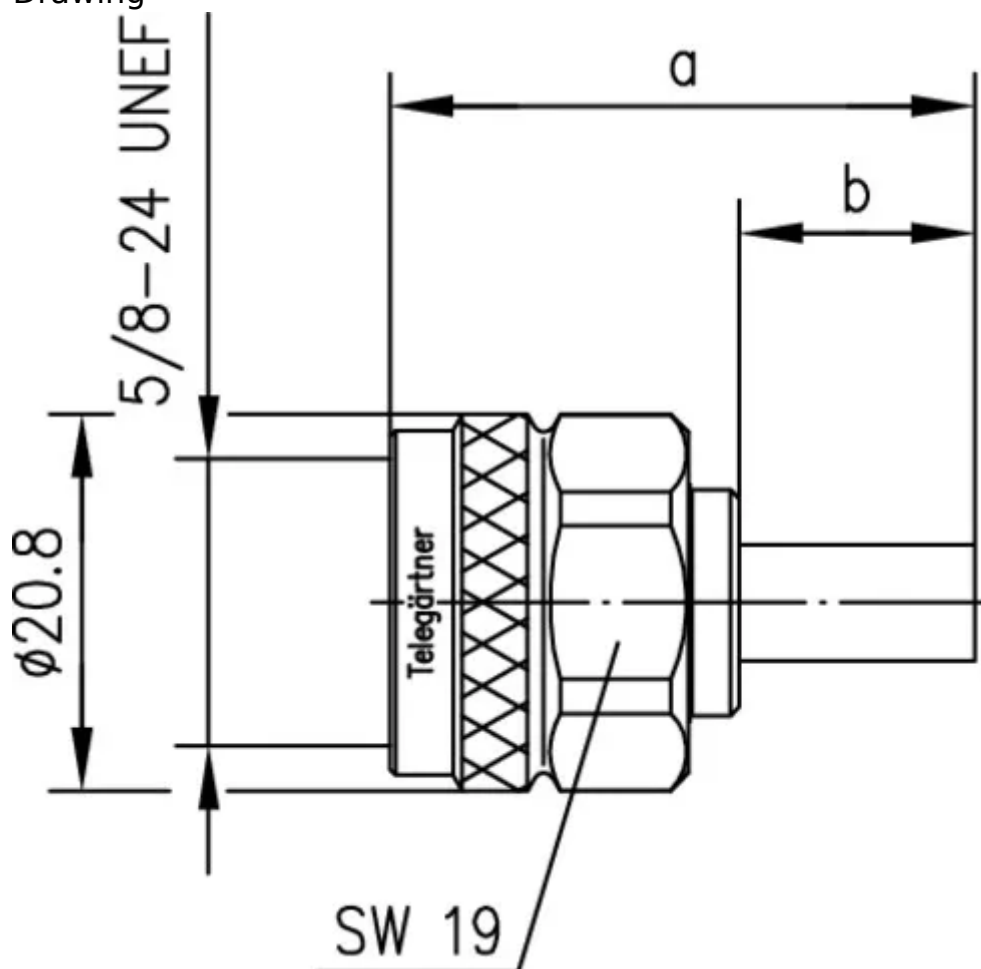
Contact Plating

[Copper-Silver Alloy \(Cu2Ag5 / Cu2Ag3\)](#)

Mating Cycles

> 500

Drawing



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