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

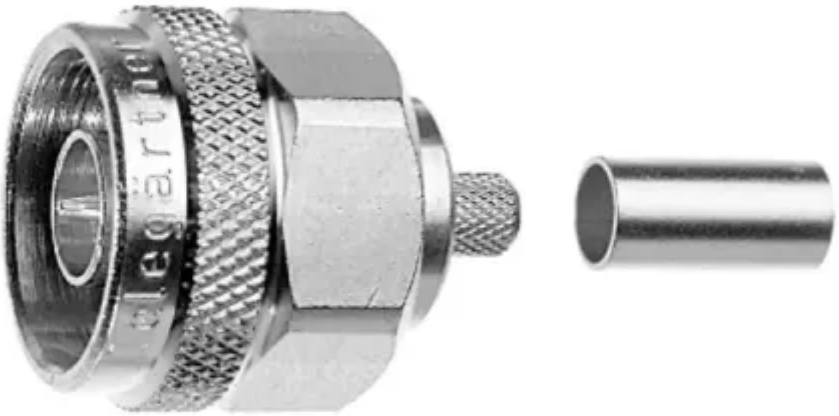
SKU
ACC-TG-00017
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100023906

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

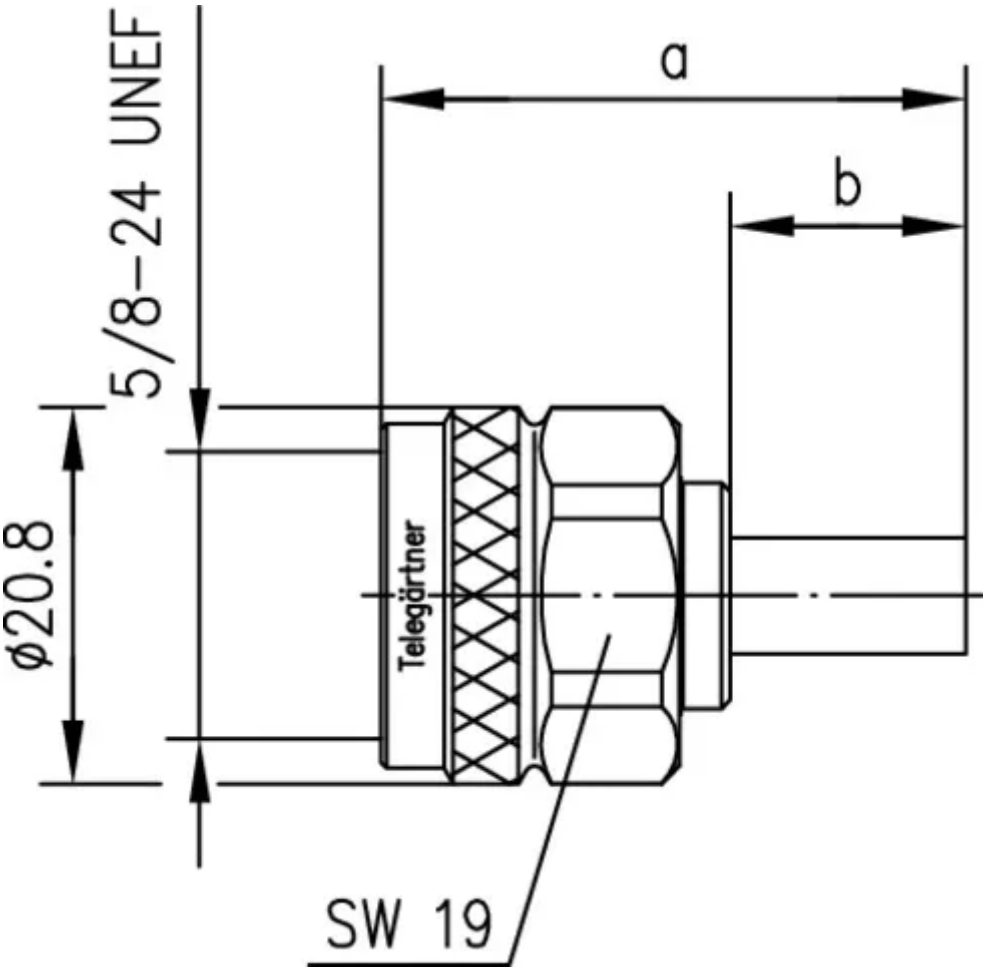
Start Frequency
0 GHz
Stop Frequency
11 GHz
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1.5 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 1 mΩ
VSWR Measurement

Frequency	Return Loss

1000 MHz	≤ 34 dB
2000 MHz	≤ 29 dB
4000 MHz	≤ 25 dB
11000 MHz	≤ 24 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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