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Telegartner N Straight Plug G21 (1/2") SIMFix Pro IP68

SKU
ACC-TG-00018
MPN
100023973

Description

The Telegärtner N Straight Plug G21 SIMFix Pro is a high-performance coaxial RF connector designed for robust telecommunications and data communications applications. As a N Male connector, it features a straight body shape ideal for free-hanging mounting, making it versatile for various installations. This connector is specifically engineered to attach seamlessly to 1/2" corrugated cable types. Constructed with a durable brass body and coated with CuSnZn3 plating, it ensures longevity and reliable performance. The inner contacts use a copper alloy with a copper-silver alloy plating, enhancing electrical conductivity.

This connector can handle over 500 mating cycles, making it suitable for demanding environments where frequent connections and disconnections are required. Operating within a temperature range of -40°C to 85°C and supporting frequencies from 0 GHz to 6 GHz, it is designed for a wide array of RF applications. The connector's...

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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
6 GHz
PIM, 3rd Order
≤ -155 dBc
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1.5 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance
≤ 1 mΩ
RF Operating Voltage

≤ 1000 Vrms

VSWR Measurement

Frequency	Return Loss
2000 MHz	≤ 36 dB
4000 MHz	≤ 32 dB
6000 MHz	≤ 28 dB

Physical Specification

Cable Group

1/2 Corrugated

Body Material

Brass

Body Plating

CuSnZn3

Insulator Material

Topas COC

Dimensions

64 x 24.8

Compliance/Certifications

RoHS

Contact Material

Copper Alloy

Contact Plating

Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

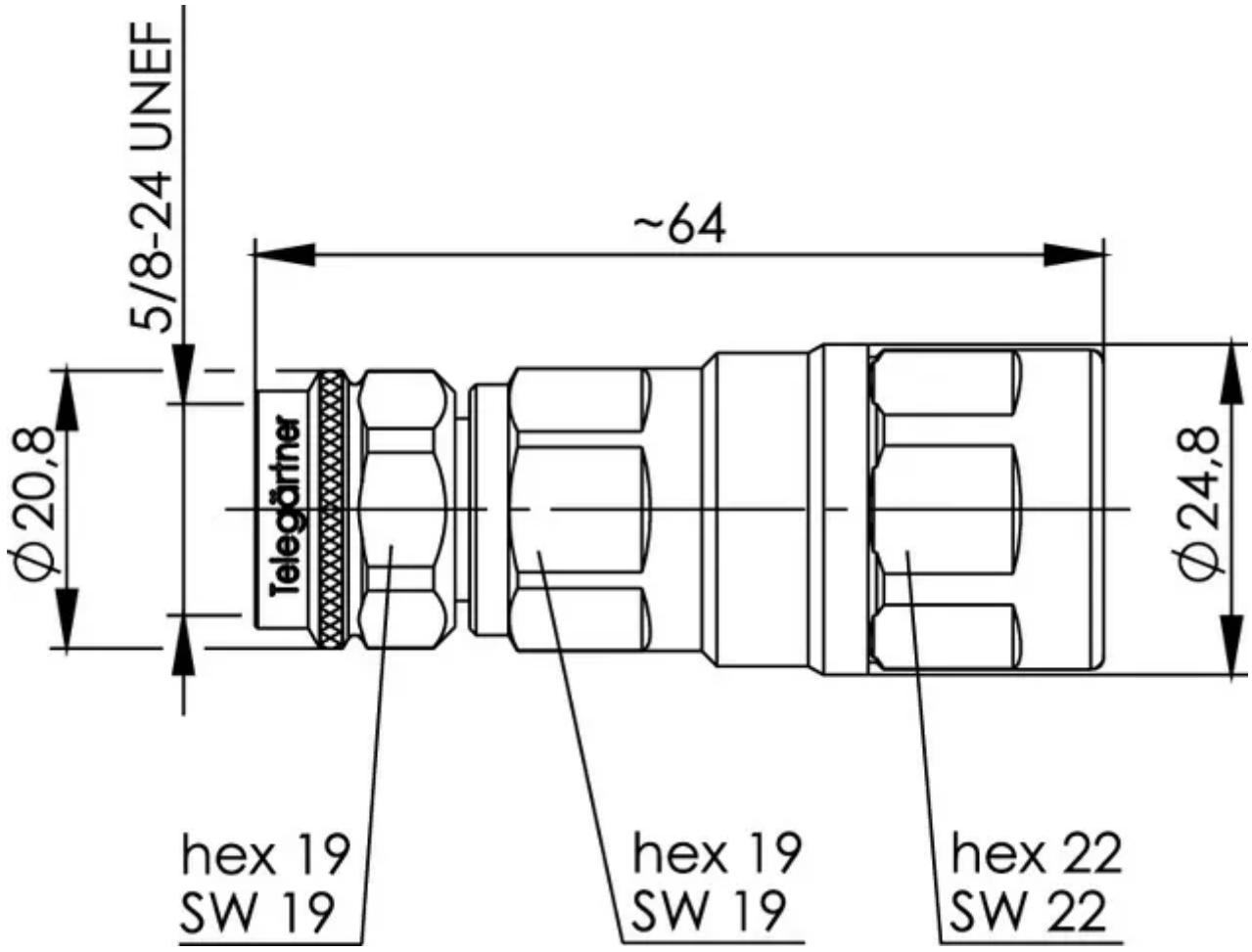
Ingress Protection

IP68

Mating Cycles

> 500

Drawing



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