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Telegartner 4.3-10 straight jack, clamp/clamp, G21 (1/2"), SIMFix Pro

SKU
ACC-TG-00014
MPN
100025266

Description

The Telegärtner 4.3-10 straight jack, known for its robust design and reliable performance, is a high-quality coaxial RF connector used in telecommunications and data communications. This connector is ideal for applications requiring low passive intermodulation (PIM) levels, making it suitable for high-frequency signal transmission in mobile network infrastructure. It supports a frequency range from 0 to 6 GHz, ensuring optimal signal integrity across various communication systems.

Designed for use with 1/2" corrugated cable types, this connector employs a cable-clamp attachment mechanism that ensures a secure and stable connection. Its brass construction with CuSnZn3 plating and inner copper alloy contacts with copper-silver alloy plating contribute to efficient electrical conductivity and durability. The connector is engineered to withstand over 100 mating cycles, ensuring long-term performance stability.

With an insulation resistance...

[Read More](#)



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

[4.3-10 Female 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 m Ω

Insulation Resistance

≥ 5000 m Ω

Outer Contact Resistance

≤ 0.5 mΩ

RF Operating Voltage

≤ 2500 Vrms

VSWR Measurement

Frequency Return Loss Insertion Loss

2000 MHz ≤ 36 dB 0.1 dB

4000 MHz ≤ 32 dB 0.1 dB

8000 MHz ≤ 28 dB 0.1 dB

Physical Specification

Cable Group

[1/2 Corrugated](#)

Body Material

[Brass](#)

Body Plating

[CuSnZn3](#)

Insulator Material

[Topas COC](#)

Dimensions

62 x 24.8

Compliance/Certifications

[RoHS](#)

Conductor Attachment

[Cable, Captivated](#)

Contact Material

[Copper Alloy](#)

Contact Plating

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

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

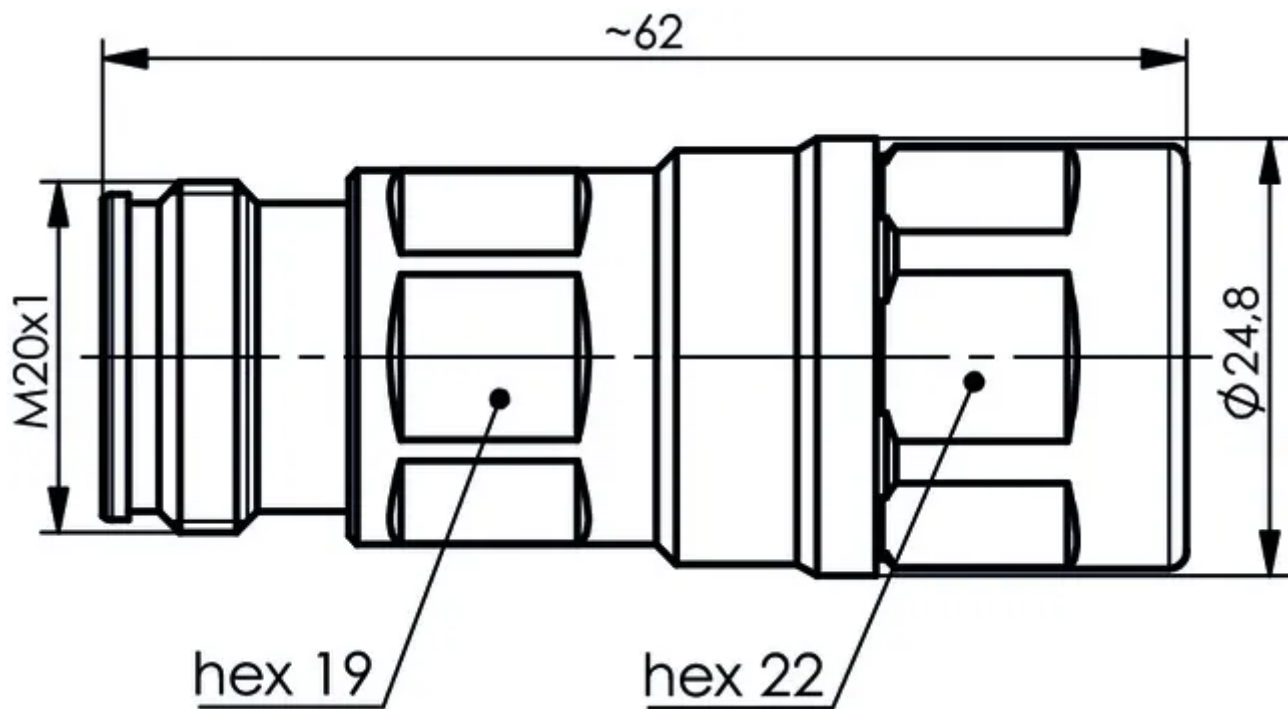
Ingress Protection

[IP68](#)

Mating Cycles

> 100

Drawing



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