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

SKU
ACC-TG-00013
MPN
100033386

Description

The Telegärtner 4.3-10 straight plug is a high-performance coaxial RF connector, designed for reliable connections in telecommunications and data communications systems. This connector is utilised primarily for attaching 1/2" corrugated cable types, making it ideal for applications requiring robust and stable signal transmission. The screw-type, clamp/clamp design ensures secure and easy installation, facilitating its use in environments where quick and efficient setups are essential.

Constructed with a brass body and copper-silver alloy plating, the connector offers excellent durability and corrosion resistance, ensuring a long service life even in harsh conditions. Its electrical insulator made of Topas COC contributes to superior insulation properties. The connector's capacity to withstand over 100 mating cycles and operate within a wide temperature range of -40 °C to 85 °C makes it suitable for both indoor and outdoor installations.

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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

[4.3-10 Male](#) [Straight](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

6 GHz

Peak Power

1 kW

PIM, 3rd Order

≤ -155 dBc

Input Impedance

50 Ω

Inner Contact Resistance

≤ 1 m Ω

Insulation Resistance

≥ 5000 mΩ

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

6000 MHz ≤ 28 dB

Physical Specification

Cable Group

[1/2 Corrugated](#)

Body Material

[Brass](#)

Body Plating

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

Insulator Material

[Topas COC](#)

Dimensions

62 x 24.8 mm

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

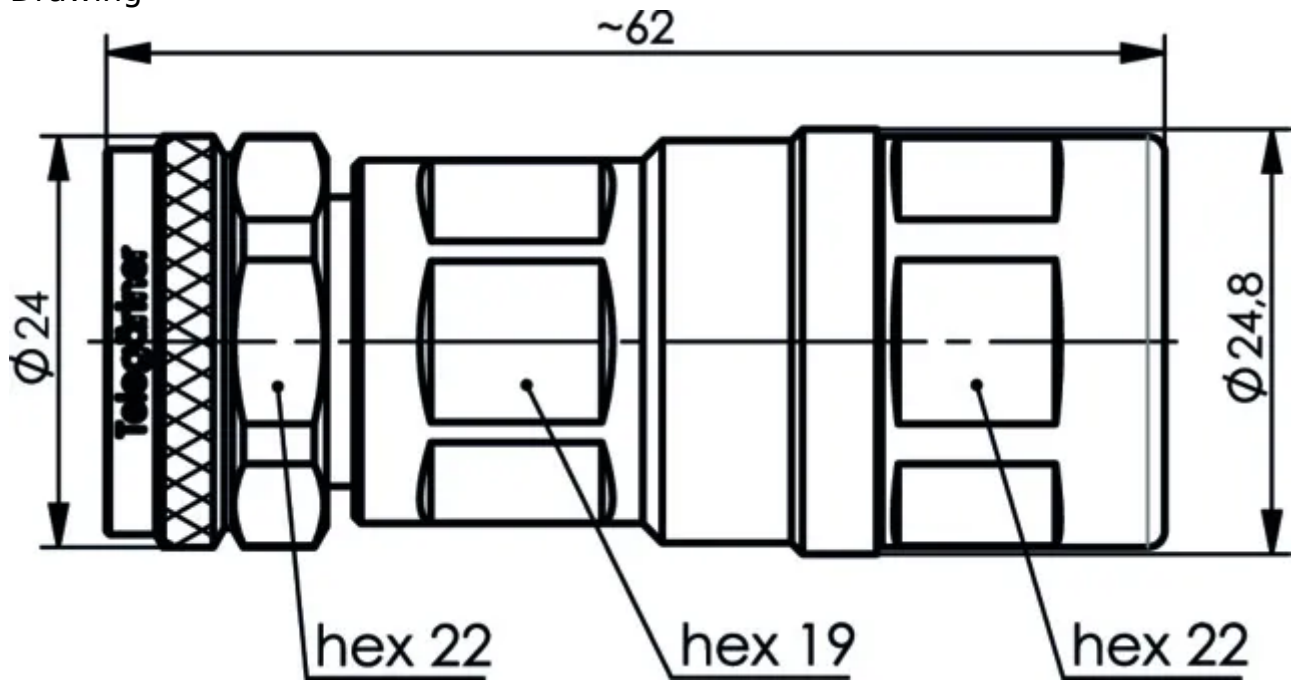
Ingress Protection

[IP68](#)

Mating Cycles

> 100

Drawing



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