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Telegartner 4.3-10 straight plug, Screw Type, clamp/clamp, G23 (1/2" Flex), SIMFix Pro

SKU
ACC-TG-00009
MPN
100025183

Description

The Telegärtner 4.3-10 straight plug is a high-performance coaxial RF connector designed for use in telecommunications and data communication systems. It is ideal for applications requiring reliable signal transmission and minimal interference, such as base stations and wireless infrastructure. This connector is compatible with 1/2" flexible corrugated cables, providing a secure connection through its screw-type, clamp-clamp attachment. The robust design ensures durability, with a brass body and white bronze plating for corrosion resistance, while the copper alloy inner contacts ensure excellent conductivity.

Engineered to operate within a frequency range of 0 to 6.0 GHz, the connector maintains a low VSWR of $\leq 1.03:1$ and a return loss of ≤ 36 dB at 2000 MHz, ensuring minimal signal loss. Its third-order Passive Intermodulation (PIM) rating of ≤ -155 dBc highlights its suitability for high-frequency applications where signal integrity is...

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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

0.1 kW

PIM, 3rd Order

≤ -155 dBc

Input Impedance

50 Ω

Inner Contact Resistance

≤ 1 m Ω

Insulation Resistance

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

Outer Contact Resistance

$\leq 0.5 \text{ m}\Omega$

RF Operating Voltage

$\leq 1000 \text{ Vrms}$

VSWR Measurement

Frequency VSWR Return Loss Insertion Loss

2000 MHz $\leq 1.03:1 \leq 36 \text{ dB}$ 0.1 dB

Physical Specification

Cable Group

[1/2 Corrugated](#)

Body Material

[Brass](#)

Body Plating

[White Bronze](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

56.2 x 24

Weight

134 g

Compliance/Certifications

[RoHS](#)

Conductor Attachment

[Cable, Captivated](#)

Contact Material

[Copper Alloy, Brass](#)

Contact Plating

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

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

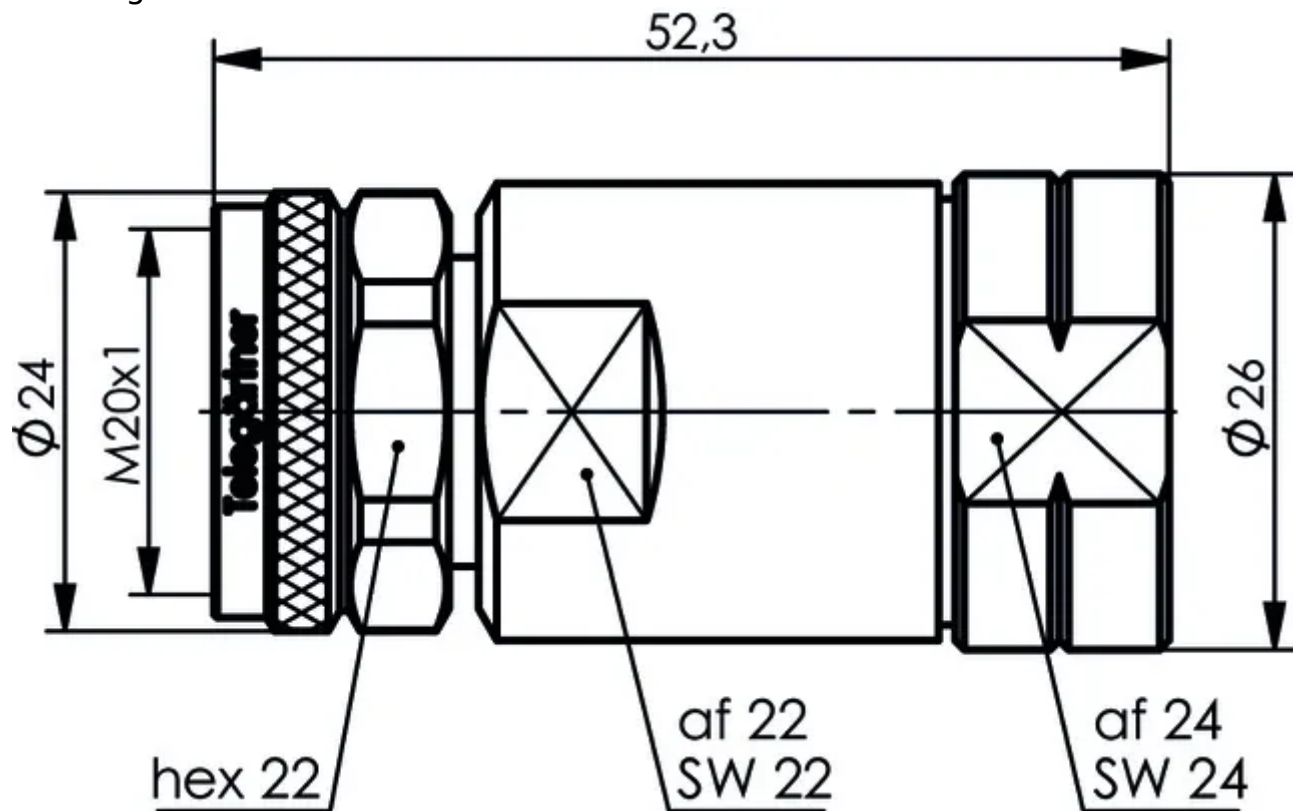
Ingress Protection

[IP68](#)

Mating Cycles

> 100

Drawing



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