

Telegartner 2.2-5 Male Connector for 1/2" Corrugated Cable, SIMFix Po, Screw Type, G23 (1/2" Flex)

SKU

ACC-TG-00053

MPN

100025466

Description

Introducing the Telegärtner 2.2-5 Male Connector designed for seamless connectivity with 1/2" Corrugated Cable. Engineered with precision and reliability in mind, this connector ensures optimal performance for your telecommunications needs.

With its SIMFix Po technology and screw type design, installation becomes effortless, saving you time and effort. The G23 (1/2" Flex) compatibility ensures versatility across various applications. Trust Telegärtner for superior quality and unmatched connectivity solutions

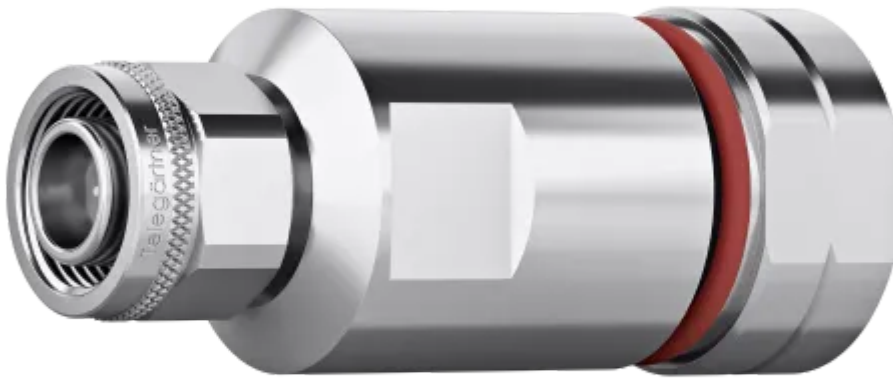
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The Telegärtner 2.2-5 Male Connector is engineered for superior performance in telecommunications applications, specifically designed to interface seamlessly with 1/2" corrugated cables. With its SIMFix Po screw-type design, this connector ensures a secure and efficient installation, reducing setup time and enhancing reliability in high-demand environments. Its G23 (1/2" Flex) compatibility allows for versatile use across a variety of systems, making it an ideal choice for both small-scale and large-scale communication infrastructures.

Constructed from a robust Lead-Brass Alloy and featuring a Copper-Silver plated inner contact, the connector delivers excellent conductivity and durability. It operates efficiently across a wide frequency range of 0 to 6.0 GHz, with a commendable 3rd Order PIM rating of ≤ -155 dBc, ensuring minimal signal distortion. The connector is designed to withstand over 100 mating cycles and

can operate in...

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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**

[2.2-5 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

≤ 2 m Ω

Outer Contact Resistance

≤ 1 m Ω

RF Operating Voltage

≤ 1500 Vrms

VSWR Measurement

Frequency Return Loss

1000 MHz ≤ 38 dB

2000 MHz ≤ 35 dB

3000 MHz ≤ 32 dB

Physical Specification

Cable Group

[1/2 Corrugated](#)

Body Material

[Lead-Brass Alloy \(CuZn39Pb3\)](#)

Body Plating

[CuSnZn3](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

60.7 × 26 × 26

Compliance/Certifications

[ISO 9001 Quality Management](#)

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[RoHS](#)

Conductor Attachment

[Cable, Captivated](#)

Contact Material

[Copper-Nickel-Lead-Phosphorus \(CuNi1Pb1P\)](#)

Contact Plating

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

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

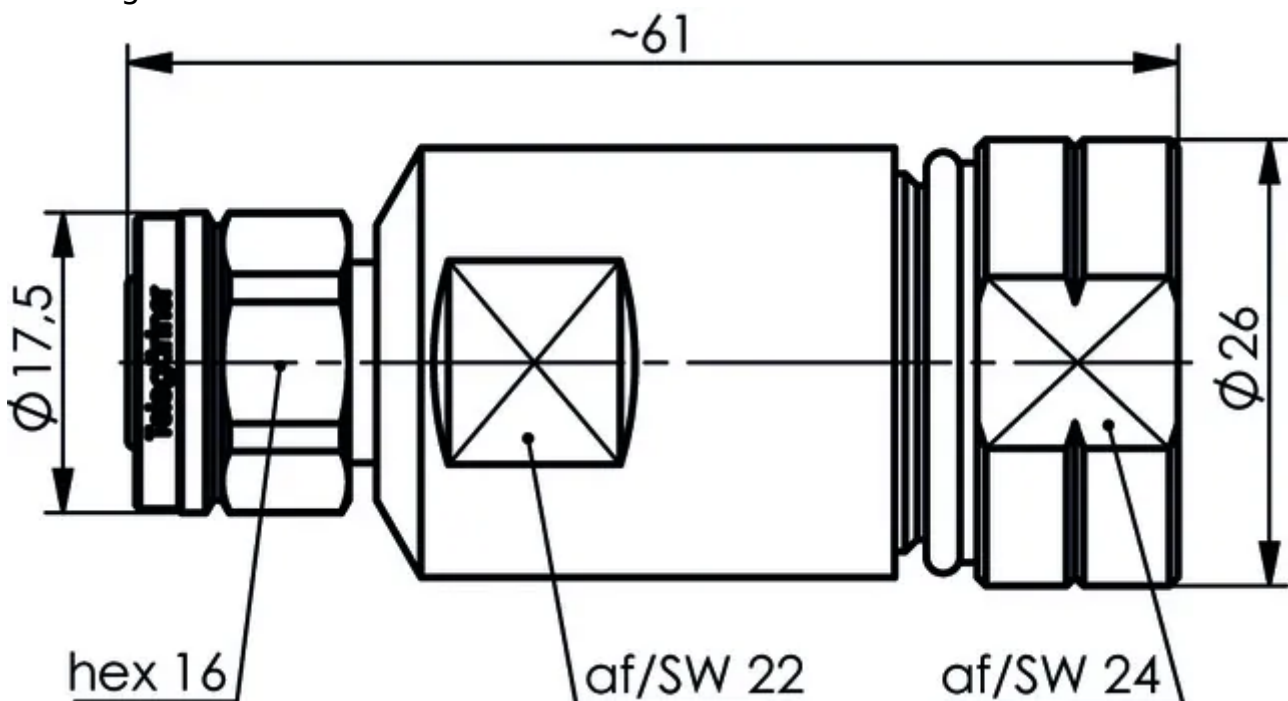
Ingress Protection

[IP68](#)

Mating Cycles

> 100

Drawing



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