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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.

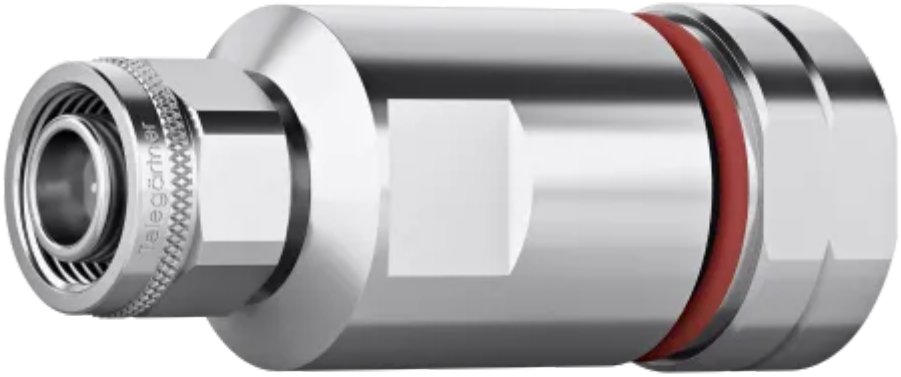
With its SIMFix Po technology and screw type design, installation becomes effortless, saving you time and effort. The G23 (1/2" Flex) compatibility ensures versatility across various applications. Trust Telegärtner for superior quality and unmatched connectivity solutions

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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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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
2.2-5 Male	Straight	Free Hanging

RF Specification

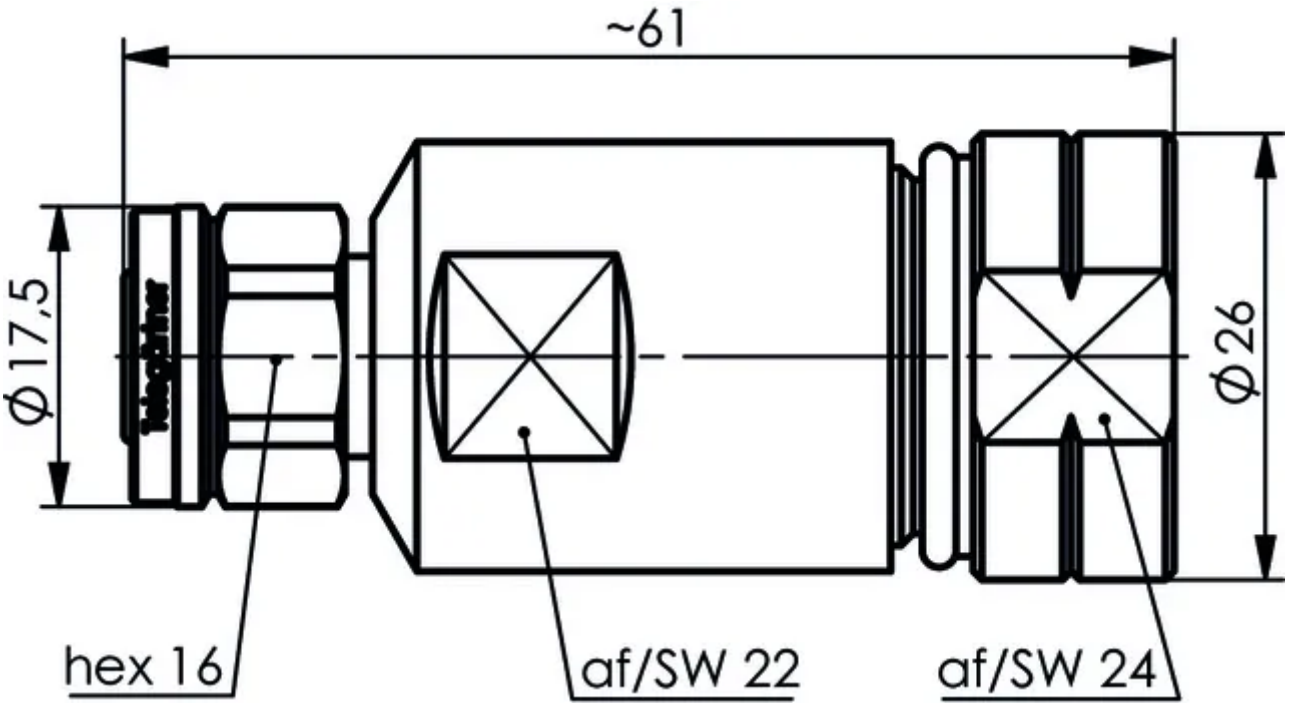
Start Frequency
0 GHz
Stop Frequency
6 GHz
PIM, 3rd Order
≤ -155 dBc
Input Impedance
50 Ω
Inner Contact Resistance
≤ 2 mΩ
Outer Contact Resistance
≤ 1 mΩ
RF Operating Voltage
≤ 1500 Vrms
VSWR Measurement

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

,
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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