

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

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## 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 60 GHz with a commendable 3rd



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

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RF Interface	Body Shape	Mounting
2.2-5 Male	Straight	Free Hanging

## RF Specification

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Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz	Inner Contact Resistance:	$\leq 2 \text{ m}\Omega$
PIM, 3rd Order:	$\leq -155 \text{ dBc}$	Outer Contact Resistance:	$\leq 1 \text{ m}\Omega$
		RF Operating Voltage:	$\leq 1500 \text{ Vrms}$

## VSWR Measurement

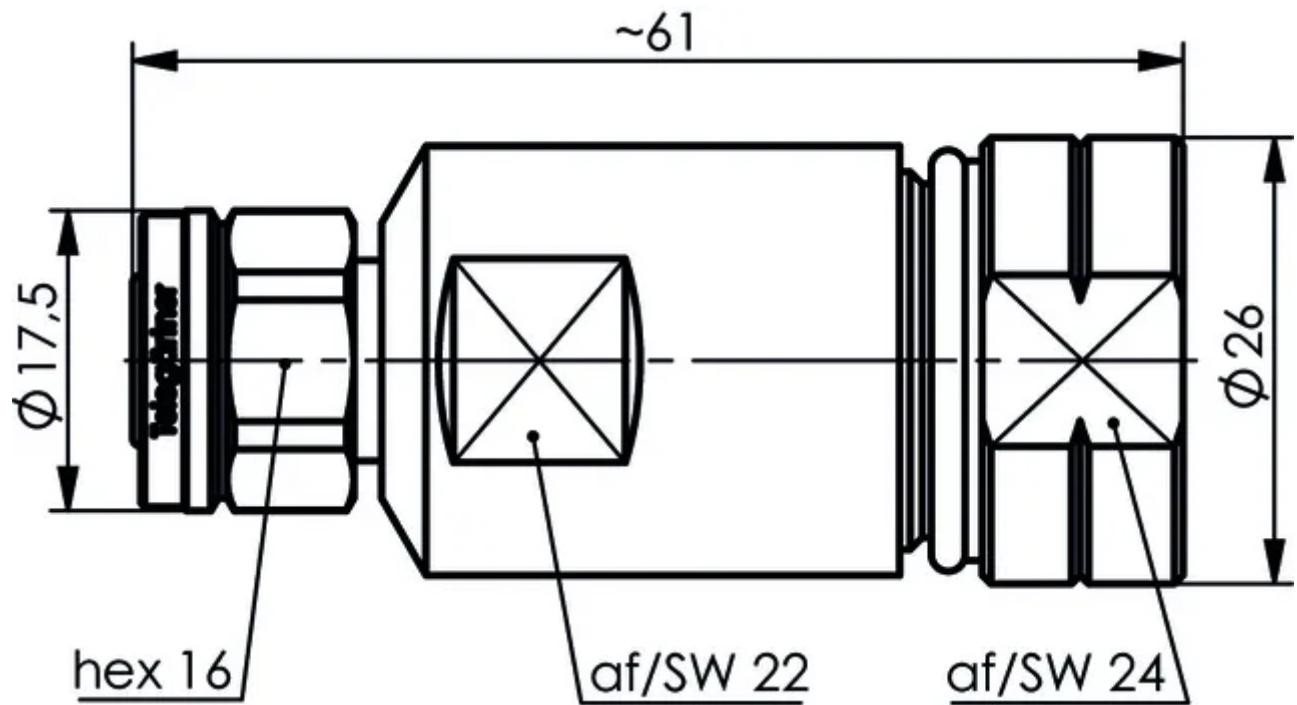
Frequency	Return Loss
1000 MHz	$\leq 38 \text{ dB}$
2000 MHz	$\leq 35 \text{ dB}$
3000 MHz	$\leq 32 \text{ dB}$

## Physical Specification

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Cable Group:	1/2 Corrugated	Conductor Attachment:	Cable, Captivated
Body Material:	Lead-Brass Alloy (CuZn39Pb3)	Contact Material:	Copper-Nickel-Lead-Phosphorus (CuNi1Pb1P)
Body Plating:	CuSnZn3	Contact Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)
Insulator Material:	PTFE / Teflon		
Dimensions:	60.7 x 26 x 26	Min. Operating Temperature:	-40 °C
Compliance/Certifications:	ISO 9001 Quality Management	Max. Operating Temperature:	85 °C
RoHS		Ingress Protection:	IP68
		Mating Cycles:	> 100

## Drawing



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