

# Telegärtner 2.2-5 Male Connector for PTL-240 Cable, Screw Type, solder/solder, G10 (UT-141)

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## Description

Introducing the Telegärtner 2.2-5 Male Connector tailored for PTL-240 Cable applications. Designed with precision and durability, this connector ensures seamless connectivity in your telecommunications setup.

Featuring a screw type design and solder/solder connection, installation is straightforward and secure, guaranteeing reliable performance. The G10 (UT-141) compatibility ensures versatility across various setups. Trust Telegärtner for superior quality and unmatched connectivity solutions.

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The Telegärtner 2.2-5 Male Connector is expertly designed for integrating with PTL-240 cables, providing a reliable solution for telecommunications applications. This connector is ideal for use in RF applications where a stable and durable connection is paramount. The screw-type design coupled with solder/solder connections ensures easy installation and robust performance, making it suitable for a range of environments. Its compatibility with the G10 (UT-141) standard enhances its versatility, allowing it to be used across different setups.

Constructed from a lead-brass alloy with a copper-silver plating, the connector offers excellent conductivity and resistance to wear. The PTFE/Teflon insulator ensures high insulation resistance and thermal stability, operating efficiently within a



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:	$\leq 2 \text{ m}\Omega$
		Outer Contact Resistance:	$\leq 1 \text{ m}\Omega$
		RF Operating Voltage:	$\leq 1200 \text{ Vrms}$

## VSWR Measurement

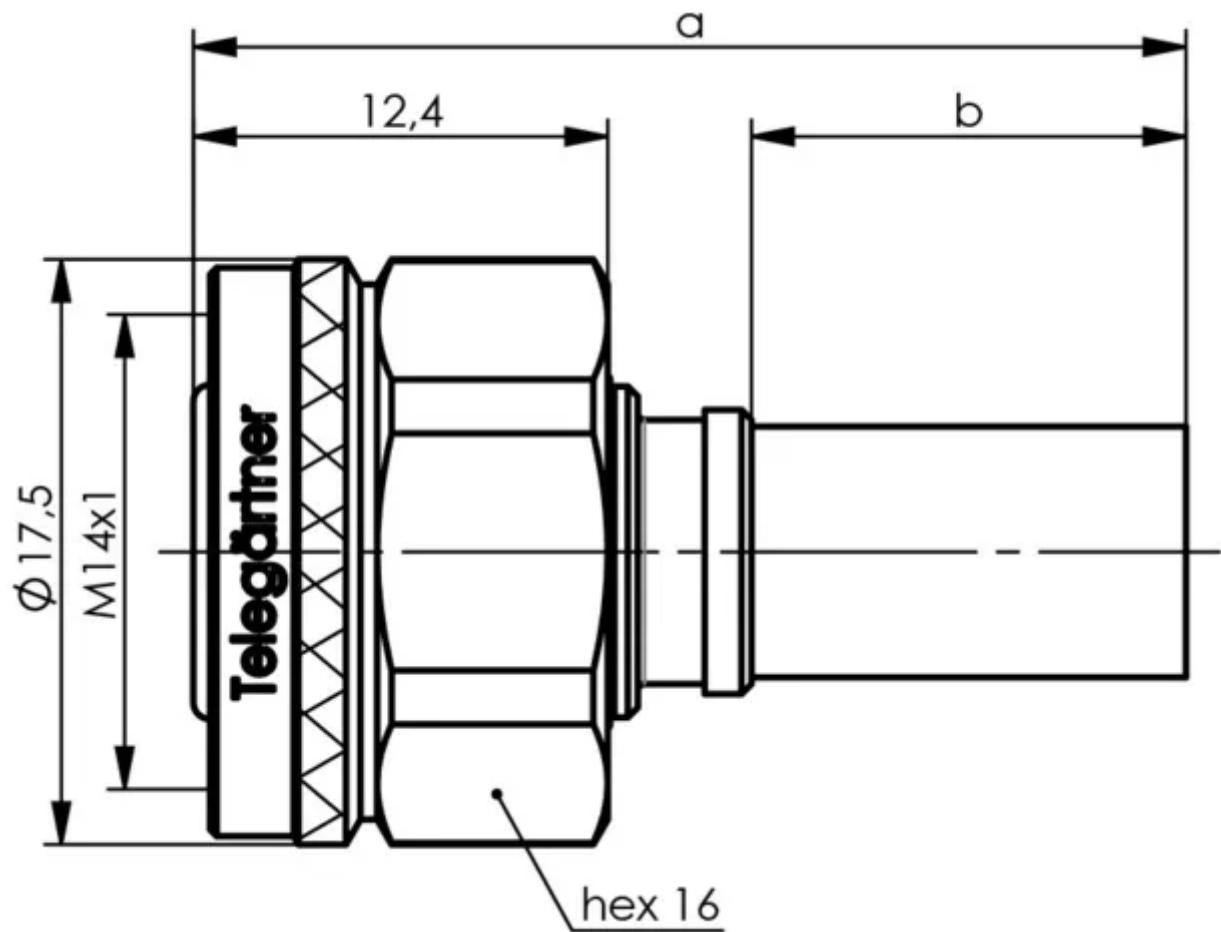
Frequency	Return Loss
1000 MHz	$\leq 38 \text{ dB}$
3000 MHz	$\leq 36 \text{ dB}$
6000 MHz	$\leq 30 \text{ dB}$

## Physical Specification

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Cable Group:	L-240	Conductor Attachment:	Cable, Crimp
Body Material:	Lead-Brass Alloy (CuZn39Pb3)	Contact Material:	Lead-Brass Alloy (CuZn39Pb3)
Body Plating:	CuSnZn3	Contact Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-30 °C
Dimensions:	29.7 x 17.5 x 17.5	Max. Operating Temperature:	70 °C
Compliance/Certifications:	ISO 9001 Quality Management	Ingress Protection:	IP68
RoHS		Mating Cycles:	> 100

## Drawing



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