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

SKU
ACC-TG-00054
MPN
100025464

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 temperature range of -30 °C to 70 °C. This connector supports up to 100 mating cycles, making it a dependable choice for long-term use. It operates...

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Telegärtner

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

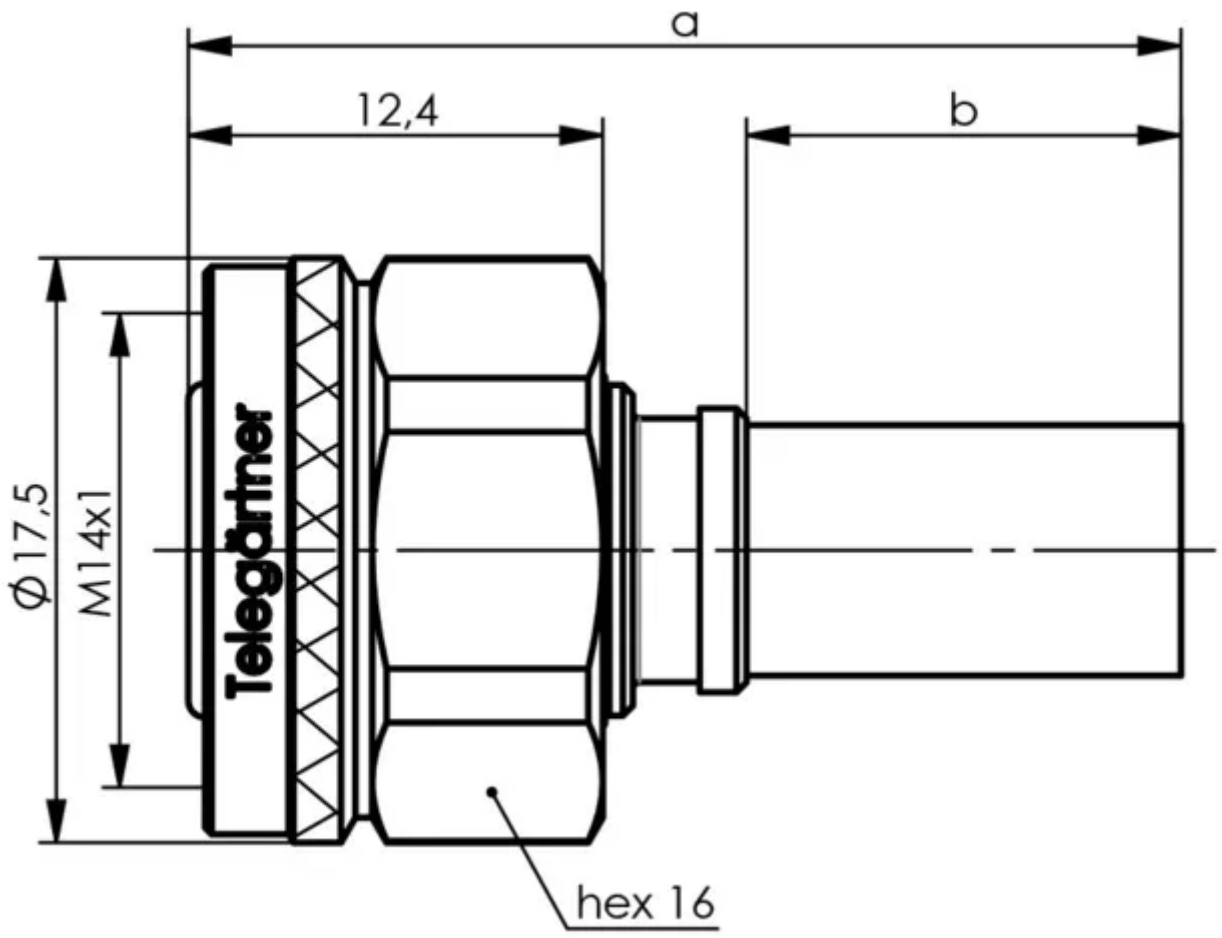
Start Frequency
0 GHz
Stop Frequency
6 GHz
Input Impedance
50 Ω
Inner Contact Resistance
≤ 2 mΩ
Outer Contact Resistance
≤ 1 mΩ
RF Operating Voltage
≤ 1200 Vrms
VSWR Measurement

Frequency	Return Loss
1000 MHz	≤ 38 dB
3000 MHz	≤ 36 dB
6000 MHz	≤ 30 dB

Physical Specification

Cable Group
L-240
Body Material
Lead-Brass Alloy (CuZn39Pb3)
Body Plating
CuSnZn3
Insulator Material
PTFE / Teflon
Dimensions
29.7 x 17.5 x 17.5
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS

Conductor Attachment
Cable, Crimp
Contact Material
Lead-Brass Alloy (CuZn39Pb3)
Contact Plating
Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)
Min. Operating Temperature
-30 °C
Max. Operating Temperature
70 °C
Ingress Protection
IP68
Mating Cycles
> 100
Drawing



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