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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

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 ShapeMounting2.2-5 MaleStraightFree Hanging

RF Specification

Start Frequency 0 GHz Stop Frequency 6 GHz Input Impedance 50 Ω Inner Contact Resistance $\leq 2 m\Omega$ Outer Contact Resistance $\leq 1 m\Omega$ RF Operating Voltage $\leq 1200 Vrms$ 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

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



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