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Telegartner NEX10(r) Male Connector for RG-402 Cable, Straight Plug Screw G10 (UT-141)

SKU
ACC-TG-00046
MPN
100025576

Description

The Telegärtner NEX10 Male Connector is a high-performance RF connector designed for use with RG-402 cables. It plays a crucial role in telecommunications and data communications, providing reliable connectivity in applications that demand low passive intermodulation (PIM). This connector is suitable for high-frequency operations, supporting a frequency range from 0 to 6 GHz. The NEX10 connector's robust construction includes a brass body with a copper-silver alloy plating, ensuring durability and effective signal transmission. Its inner contacts are made from beryllium-copper-lead, further enhancing its conductivity and reliability.

Engineered for environments with fluctuating temperatures, this connector can operate between -55 °C and 125 °C. It maintains performance through over 100 mating cycles, making it ideal for repeated connections and disconnections. The connector features a solder attachment mechanism, ensuring a secure fit to...

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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

[NEX10 Male](#) [Straight](#) [Free Hanging](#)

RF Specification

Start Frequency

0 GHz

Stop Frequency

6 GHz

Dielectric Withstand

1500 Vrms

PIM, 3rd Order

≤ -160 dBc

Input Impedance

50 Ω

VSWR Measurement

Frequency Return Loss

2000 MHz ≤ 36 dB

4000 MHz ≤ 32 dB

6000 MHz ≤ 30 dB

Physical Specification

Cable Group

[RG-402](#)

Body Material

[Brass](#)

Body Plating

[Copper-Silver Alloy \(Cu₂Ag₅ / Cu₂Ag₃\)](#)

Insulator Material

[PTFE / Teflon](#)

Dimensions

22.7 × 11.9 × 4.7

Weight

9 g

Compliance/Certifications

[RoHS](#)

Conductor Attachment

[Cable, Solder](#)

Contact Material

[Beryllium-Copper-Lead \(CuBe₂Pb\)](#)

Contact Plating

[Copper-Silver Alloy \(Cu₂Ag₅ / Cu₂Ag₃\)](#)

Min. Operating Temperature

-55 °C

Max. Operating Temperature

125 °C

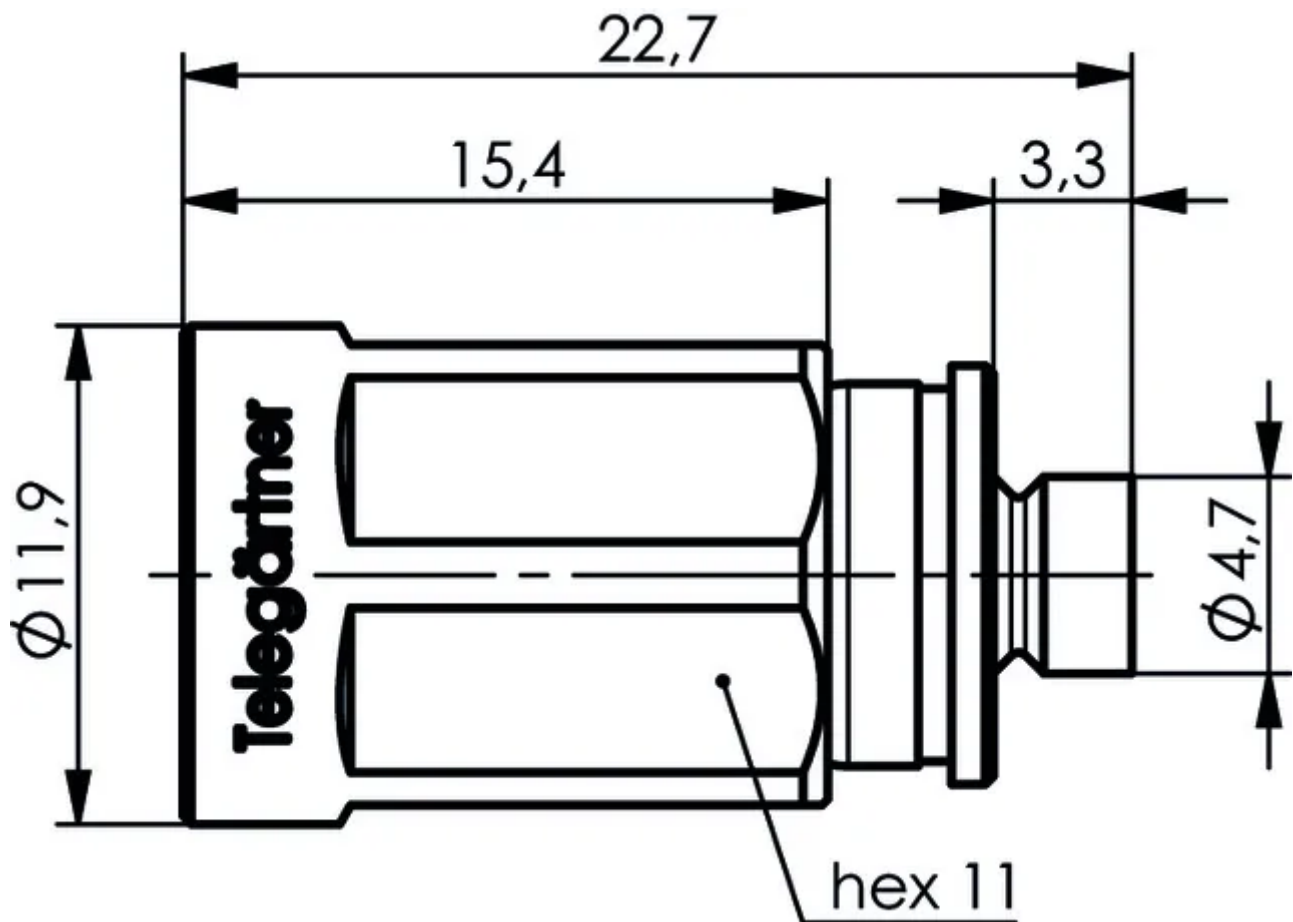
Ingress Protection

[IP68](#)

Mating Cycles

> 100

Drawing



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