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Telegartner NEX10(r) Female Connector for RG-402 Cable, Straight Jack G10 (UT-141)

SKU
ACC-TG-00048
MPN
100025586

Description

Introducing the Telegärtner NEX10® Female Connector for RG-402 Cable, the ultimate solution for high-performance coaxial connectivity. Engineered with precision and reliability in mind, this straight jack ensures seamless transmission of data and signals across a variety of applications.

Designed for compatibility with the NEX10R interface, this connector guarantees optimal performance, making it ideal for demanding telecommunications, broadcast, and industrial environments. Its robust construction ensures durability and longevity, providing peace of mind even in the most challenging conditions.

With its easy installation and dependable performance, the Telegärtner NEX10® Female Connector for RG-402 Cable is the perfect choice for professionals seeking reliable coaxial connectivity solutions. Upgrade your network with confidence and experience unparalleled performance with Telegärtner.

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The Telegärtner NEX10® Female Connector for RG-402 Cable offers a reliable solution for high-performance coaxial connectivity in challenging environments. Designed for seamless integration with the NEX10 interface, this straight jack connector is ideal for telecommunications, broadcast, and industrial applications where consistent data and signal transmission are critical. Its robust construction, featuring a brass body with CuSnZn3 plating and beryllium-copper-lead inner contacts, ensures durability and long-lasting performance.

The connector supports a frequency range of 0 to 6 GHz and maintains an input impedance of 50 Ω, making it suitable for a wide array of RF applications. It is engineered to endure more than 100 mating cycles and operates efficiently within a temperature range of -55 °C to 125 °C, ensuring reliability in extreme conditions. Installation is straightforward with its cable solder attachment mechanism, providing...

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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 Female	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
Peak Power
0.1 kW
Input Impedance
50 Ω
RF Operating Voltage
≤ 1000 Vrms
VSWR Measurement

Frequency	Return Loss
2000 MHz	≤ 36 dB
4000 MHz	≤ 32 dB
6000 MHz	≤ 28 dB

Physical Specification

Cable Group
RG-402
Body Material
Brass
Body Plating
CuSnZn3
Insulator Material
PTFE / Teflon
Dimensions
24.1 × 10 × 10
Compliance/Certifications
ISO 9001 Quality Management
,
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

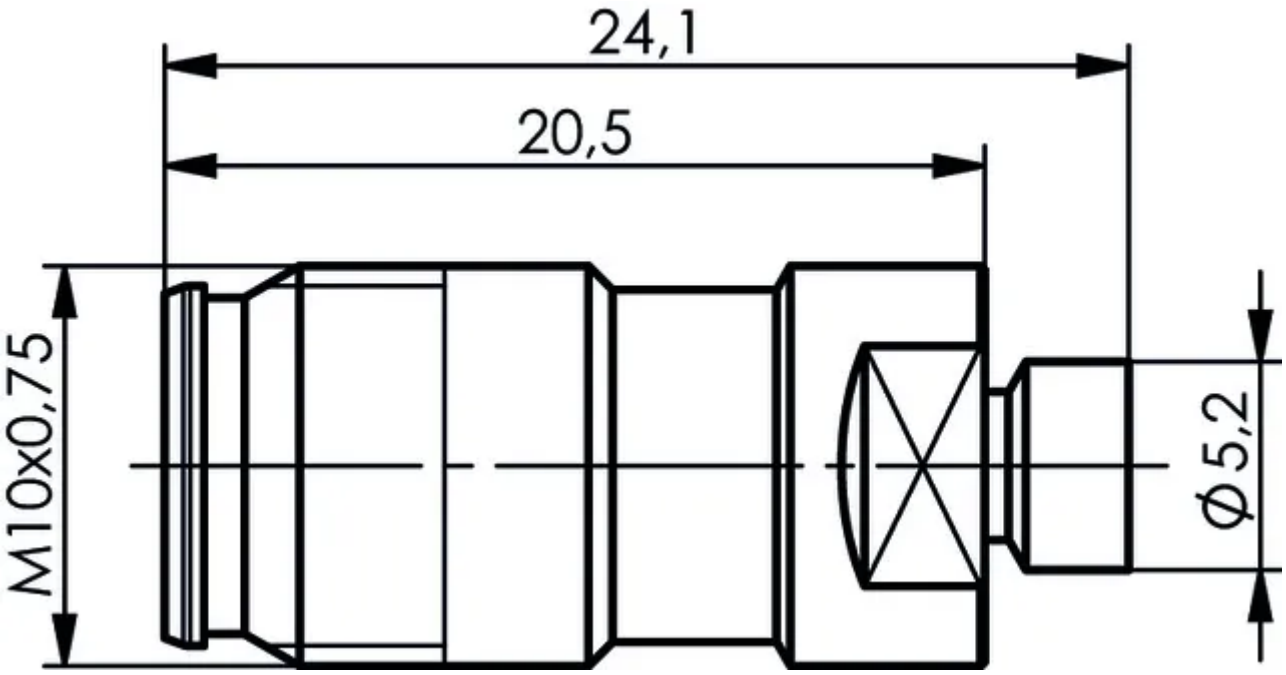
Ingress Protection

IP68

Mating Cycles

> 100

Drawing



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