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

SKU
ACC-TG-00044
MPN
100025590

Description

Introducing the Telegärtner NEX10® Female Bulkhead Connector for RG-402 Cable, the epitome of high-quality coaxial connectivity. Engineered with precision and reliability at its core, this bulkhead jack ensures seamless transmission of data and signals across diverse applications.

Crafted for compatibility with the NEX10R interface, this connector guarantees optimal performance, making it perfect for demanding telecommunications, broadcast, and industrial environments. Its sturdy design ensures longevity, providing assurance even in challenging conditions.

With effortless installation and steadfast performance, the Telegärtner NEX10® Female Bulkhead Connector for RG-402 Cable is the ultimate choice for professionals seeking dependable coaxial connectivity solutions. Elevate your network with confidence and experience unparalleled performance with Telegärtner.

The Telegärtner NEX10® Female Bulkhead Connector is engineered for robust coaxial connectivity with RG-402 cables. This connector is designed to excel in telecommunications, broadcast, and industrial applications where reliable signal transmission is critical. Its NEX10 interface ensures compatibility and high performance, making it ideal for challenging environments where precision and durability are essential.

With a focus on longevity, the connector features a rugged construction with a brass body coated in CuSnZn3 plating, and its inner contacts are crafted from Beryllium-Copper-Lead with a Copper-Silver alloy plating. The PTFE/Teflon electrical insulator supports stable signal transmission across a wide operating frequency range of 0 to 6.0 GHz, while maintaining an input impedance of 50 Ω.

This bulkhead connector is capable of withstanding over 100 mating cycles and operates efficiently in temperatures ranging from -55 °C to 125 °C...

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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	Bulkhead

RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
Peak Power
0.1 kW
PIM, 3rd Order
≤ -160 dBc
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
29.8 × 19 × 19
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

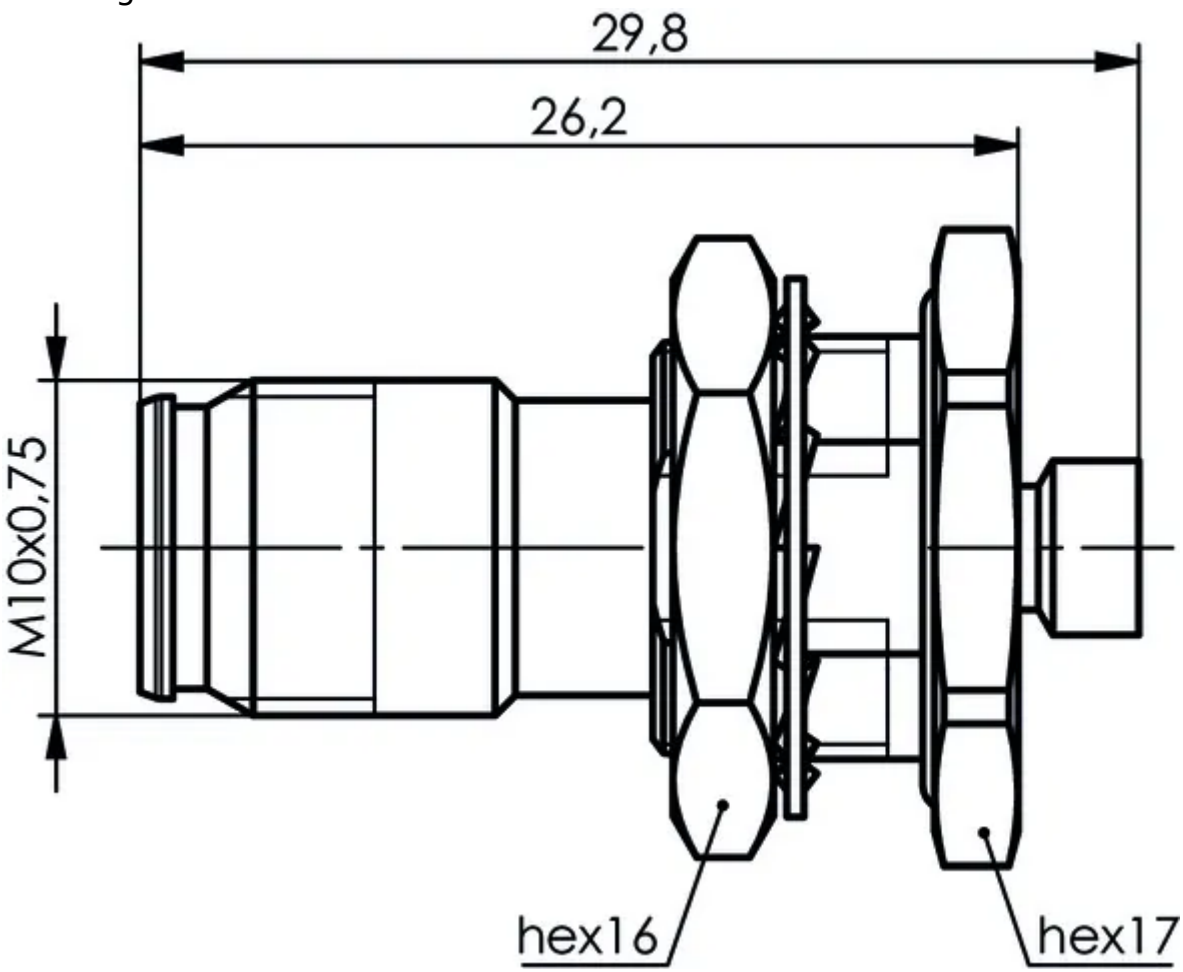
Ingress Protection

IP68

Mating Cycles

> 100

Drawing



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