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Telegartner NEX10(r) Female 4-Hole Flange Connector for RG-402 Cable, Panel Jack G10 (UT-141)

SKU
ACC-TG-00045
MPN
100032936

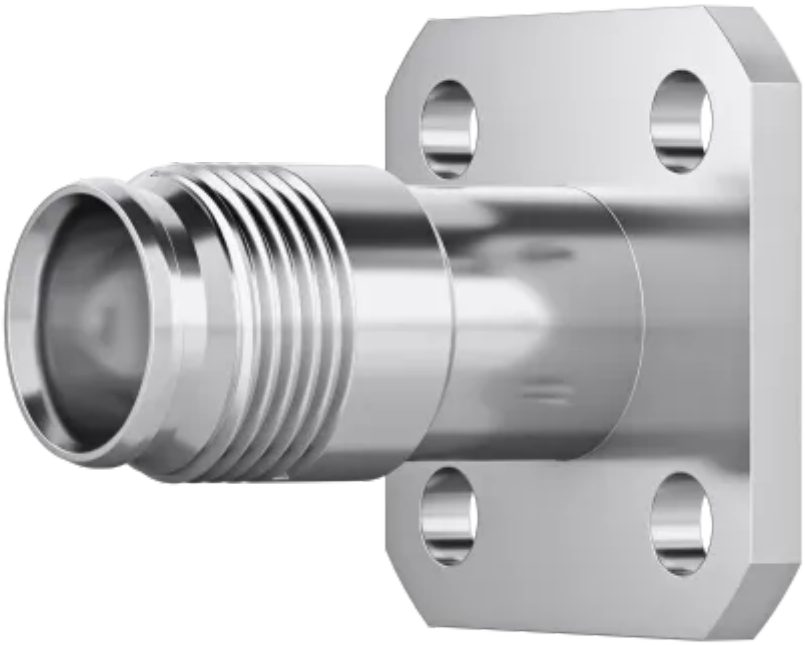
Description

The Telegärtner NEX10® Female 4-Hole Flange Connector (SKU: ACC-TG-00045, Part Number: 100032936) is designed for high-performance RF applications, specifically for use with RG-402 cables. Featuring a straight body and 4-Hole Flange Front Mount, this connector ensures secure and efficient connections. With a robust brass body and gunmetal plating, it offers excellent durability, while the beryllium-copper-lead contacts with copper-silver alloy plating provide superior conductivity.

The connector's PTFE insulator allows it to withstand temperatures from -55 °C to 125 °C, making it suitable for various environmental conditions. It supports up to 100 mating cycles, operating efficiently across a frequency range of 0 to 6 GHz, with an input impedance of 50 Ω. The connector boasts a 3rd Order PIM rating of ≤ -160 dBc and can handle RF operating voltages up to 1000 Vrms.

This product meets ISO 9001 and RoHS compliance standards, ensuring...

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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	4-Hole Flange

RF Specification

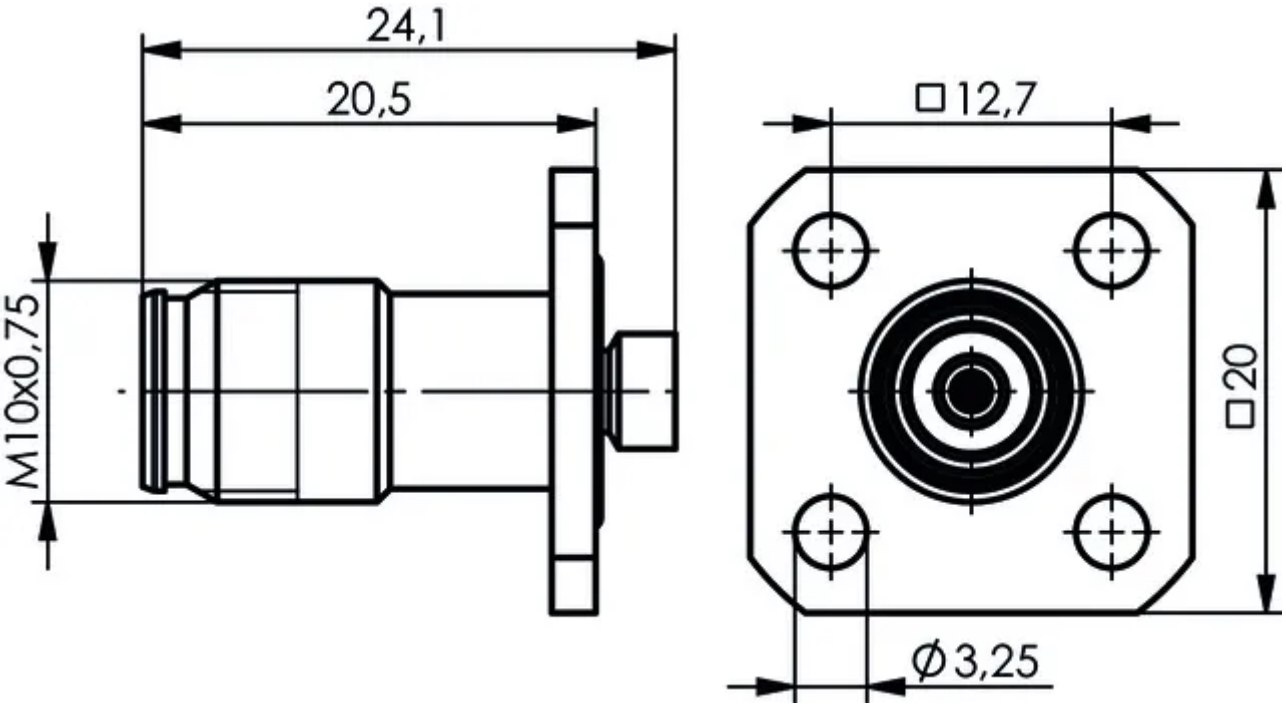
Start Frequency
0 GHz
Stop Frequency
6 GHz
Peak Power
0.1 kW
PIM, 3rd Order
≤ -160 dBc
Input Impedance
50 Ω
RF Operating Voltage
≤ 1000 Vrms
VSWR Measurement

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
24.1 × 20 × 20
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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