

# 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 Telegartner 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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RF Connector Interface



RF Interface	Body Shape	Mounting
NEX10 Female	Straight	4-Hole Flange

## Telegartner RF Specification

As a family-owned company the Telegartner 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 Telegartner has seen steady growth and has continually expanded ...

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

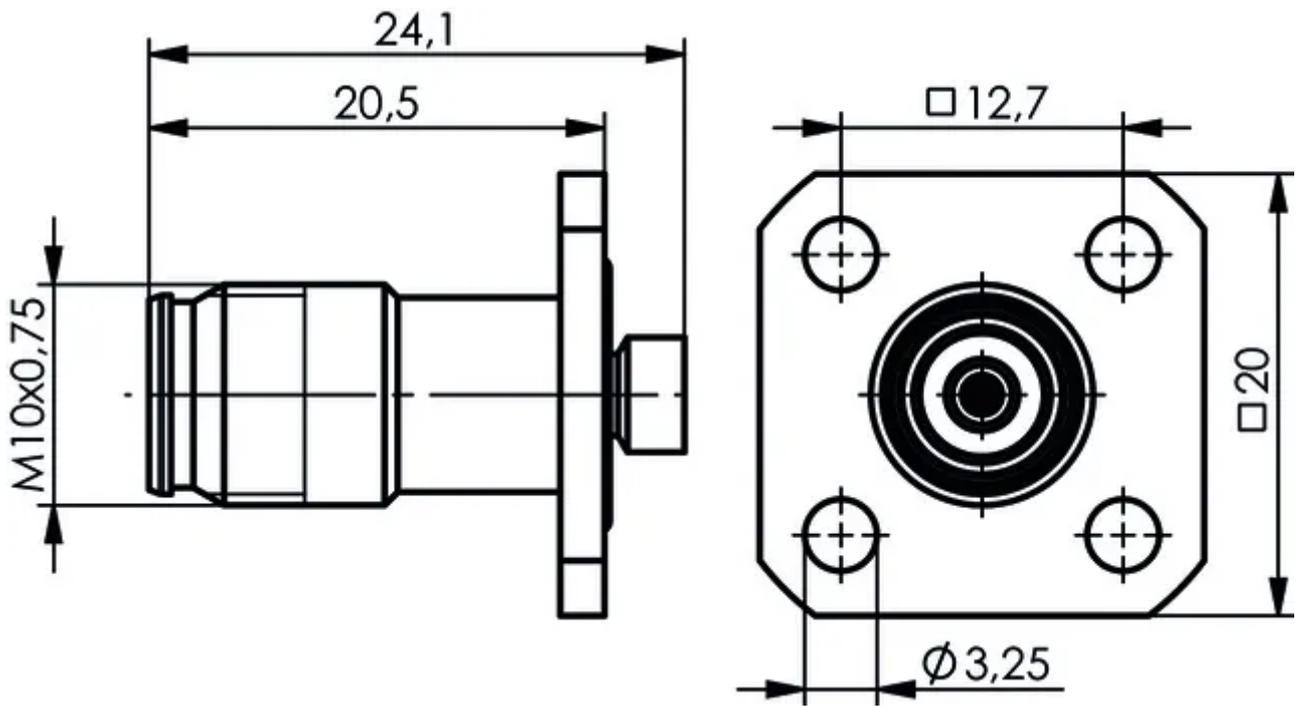
#### VSWR Measurement

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

## Physical Specification

Cable Group:	RG-402	Conductor Attachment:	Cable, Solder
Body Material:	Brass	Contact Material:	Beryllium-Copper-Lead (CuBe2Pb)
Body Plating:	CuSnZn3	Contact Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-55 °C
Dimensions:	24.1 × 20 × 20	Max. Operating Temperature:	125 °C
Compliance/Certifications:	ISO 9001 Quality Management	Ingress Protection:	IP68
RoHS		Mating Cycles:	> 100

Drawing



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