

# Telegartner 4.3-10 angle plug, Screw Type, clamp/clamp, G23 (1/2" Flex), SIMFix Pro

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## Description

The Telegartner 4.3-10 angle plug is a high-performance coaxial RF connector designed for telecommunications and data communication applications. Engineered for reliability in demanding environments, this connector is ideal for use with 1/2" corrugated cables in mobile networks, broadcast systems, and industrial settings. Its right-angle design facilitates easy installation in tight spaces, while the screw-type, clamp/clamp mechanism ensures secure cable attachment.

Constructed with a robust brass body plated with a copper-silver alloy, the connector offers excellent conductivity and durability. The beryllium copper inner contacts, also copper-silver plated, enhance signal integrity. With a PTFE insulator, it operates efficiently across a wide temperature range from -40 °C to 85 °C, making it suitable for both indoor and outdoor applications.

This connector supports frequencies up to 6 GHz, ensuring high-performance transmission with...

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RF Connector Interface



RF Interface	Body Shape	Mounting
4.3-10 Male	Right Angle	Free Hanging

## RF Specification <sup>Telegartner</sup>



As 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	Inner Contact Resistance:	$\leq 1 \text{ m}\Omega$
Peak Power:	2.5 kW	Insulation Resistance:	$\geq 5000 \text{ m}\Omega$
PIM, 3rd Order:	$\leq -155 \text{ dBc}$	Outer Contact Resistance:	$\leq 1 \text{ m}\Omega$
		RF Operating Voltage:	$\leq 1000 \text{ Vrms}$

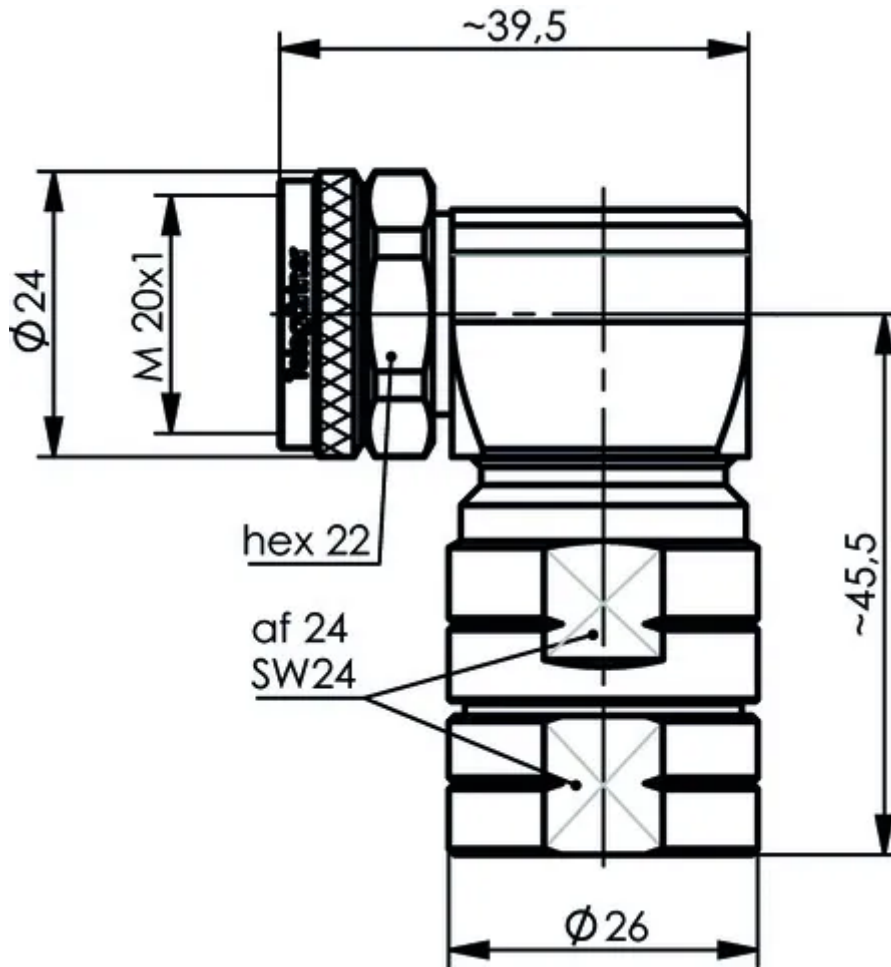
#### VSWR Measurement

Frequency	VSWR	Return Loss	Insertion Loss
2000 MHz	$\leq 1.2:1$	$\leq 34 \text{ dB}$	0.15 dB

## Physical Specification

Cable Group:	1/2 Corrugated	Conductor Attachment:	Cable, Captivated
Body Material:	Brass	Contact Material:	Beryllium Copper
Body Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)	Contact Plating:	Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-40 °C
Dimensions:	45.5 x 26	Max. Operating Temperature:	85 °C
Weight:	184 g	Ingress Protection:	IP68
Compliance/Certifications:	RoHS	Mating Cycles:	> 100

Drawing



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