Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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

SKU
ACC-TG-00011
MPN
100025190

Description

The Telegärtner 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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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
4.3-10 Male	Right Angle	Free Hanging

RF Specification

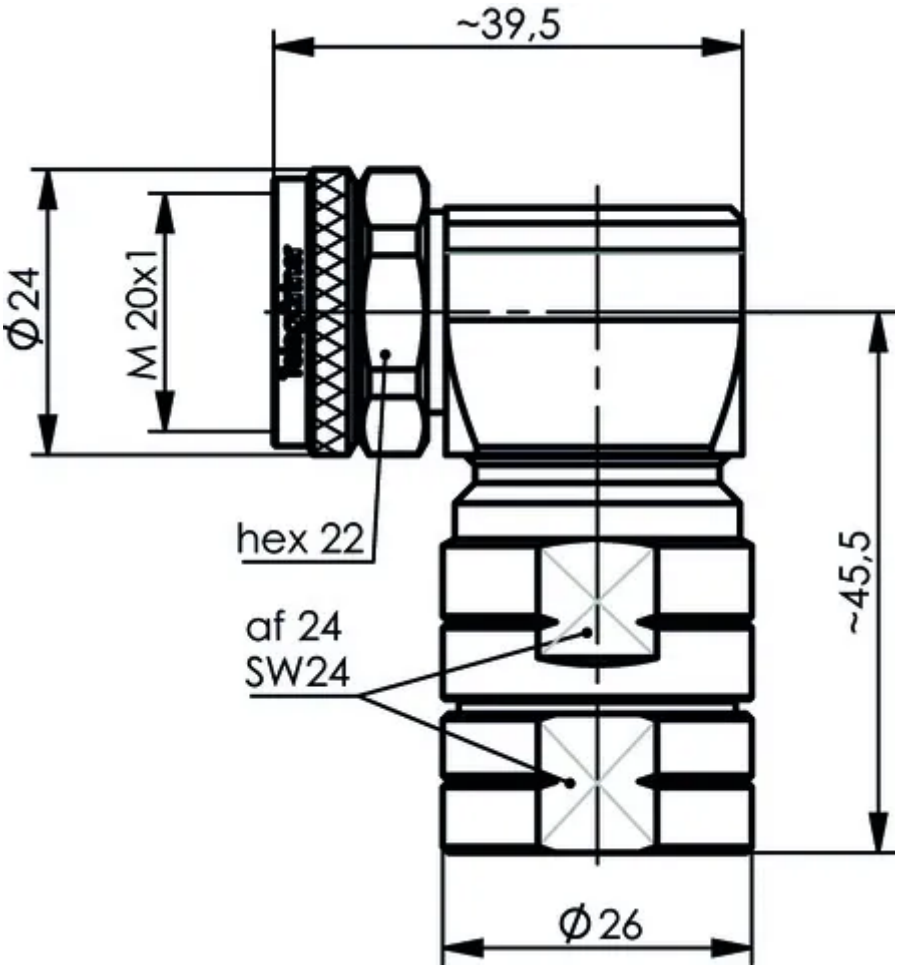
Start Frequency
0 GHz
Stop Frequency
6 GHz
Peak Power
2.5 kW
PIM, 3rd Order
≤ -155 dBc
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 1 mΩ
RF Operating Voltage
≤ 1000 Vrms
VSWR Measurement

Frequency	VSWR	Return Loss	Insertion Loss
2000 MHz	≤ 1.2:1	≤ 34 dB	0.15 dB

Physical Specification

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



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