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

SKU
ACC-TG-00009
MPN
100025183

Description

The Telegärtner 4.3-10 straight plug is a high-performance coaxial RF connector designed for use in telecommunications and data communication systems. It is ideal for applications requiring reliable signal transmission and minimal interference, such as base stations and wireless infrastructure. This connector is compatible with 1/2" flexible corrugated cables, providing a secure connection through its screw-type, clamp-clamp attachment. The robust design ensures durability, with a brass body and white bronze plating for corrosion resistance, while the copper alloy inner contacts ensure excellent conductivity.

Engineered to operate within a frequency range of 0 to 6.0 GHz, the connector maintains a low VSWR of ≤ 1.03:1 and a return loss of ≤ 36 dB at 2000 MHz, ensuring minimal signal loss. Its third-order Passive Intermodulation (PIM) rating of ≤ -155 dBc highlights its suitability for high-frequency applications where signal integrity is...

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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	Straight	Free Hanging

RF Specification

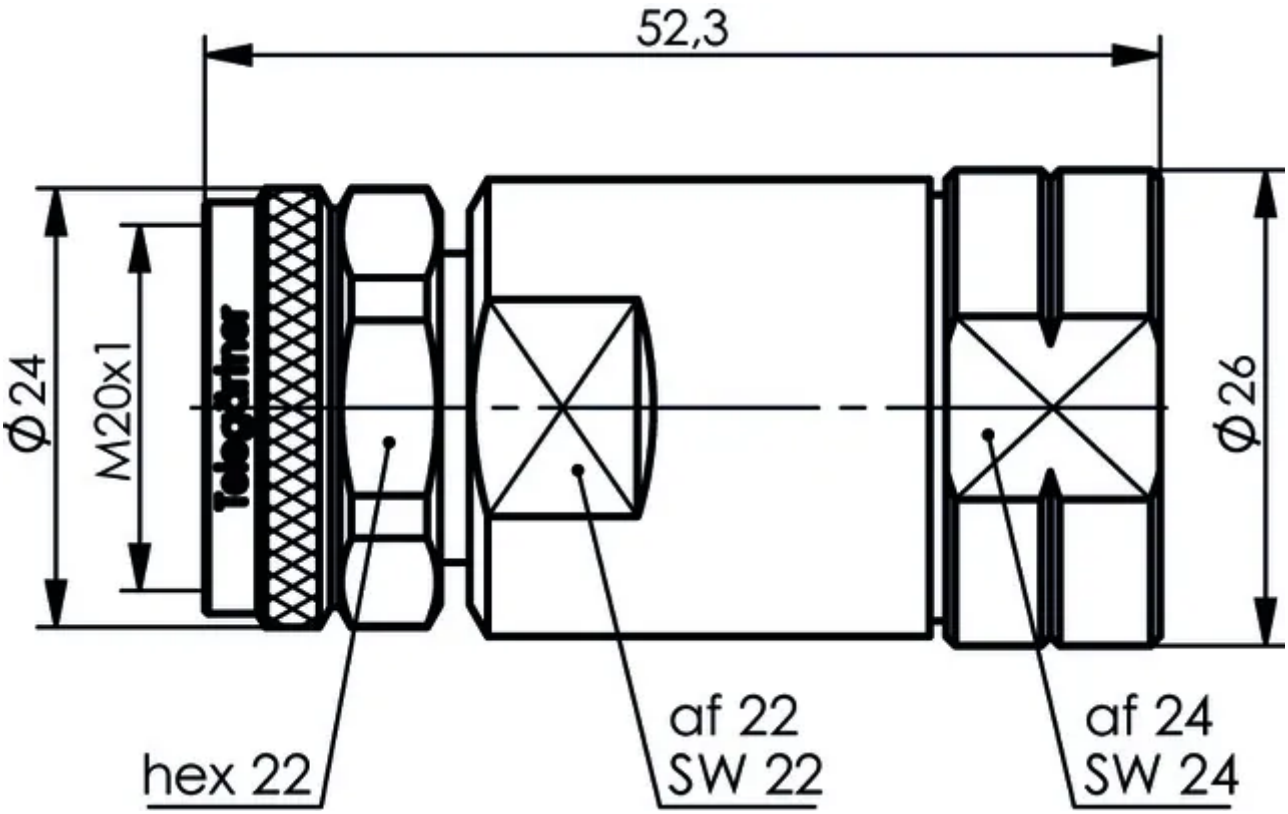
Start Frequency
0 GHz
Stop Frequency
6 GHz
Peak Power
0.1 kW
PIM, 3rd Order
≤ -155 dBc
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 0.5 mΩ
RF Operating Voltage
≤ 1000 Vrms
VSWR Measurement

Frequency	VSWR	Return Loss	Insertion Loss
2000 MHz	≤ 1.03:1	≤ 36 dB	0.1 dB

Physical Specification

Cable Group
1/2 Corrugated
Body Material
Brass
Body Plating
White Bronze
Insulator Material
PTFE / Teflon
Dimensions
56.2 x 24
Weight
134 g
Compliance/Certifications
RoHS
Conductor Attachment
Cable, Captivated
Contact Material
Copper Alloy, Brass
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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