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Telegartner 4.3-10 straight plug, Screw Type, clamp/clamp, G21 (1/2"), SIMFix Pro

SKU
ACC-TG-00013
MPN
100033386

Description

The Telegärtner 4.3-10 straight plug is a high-performance coaxial RF connector, designed for reliable connections in telecommunications and data communications systems. This connector is utilised primarily for attaching 1/2" corrugated cable types, making it ideal for applications requiring robust and stable signal transmission. The screw-type, clamp/clamp design ensures secure and easy installation, facilitating its use in environments where quick and efficient setups are essential.

Constructed with a brass body and copper-silver alloy plating, the connector offers excellent durability and corrosion resistance, ensuring a long service life even in harsh conditions. Its electrical insulator made of Topas COC contributes to superior insulation properties. The connector's capacity to withstand over 100 mating cycles and operate within a wide temperature range of -40 °C to 85 °C makes it suitable for both indoor and outdoor installations.

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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

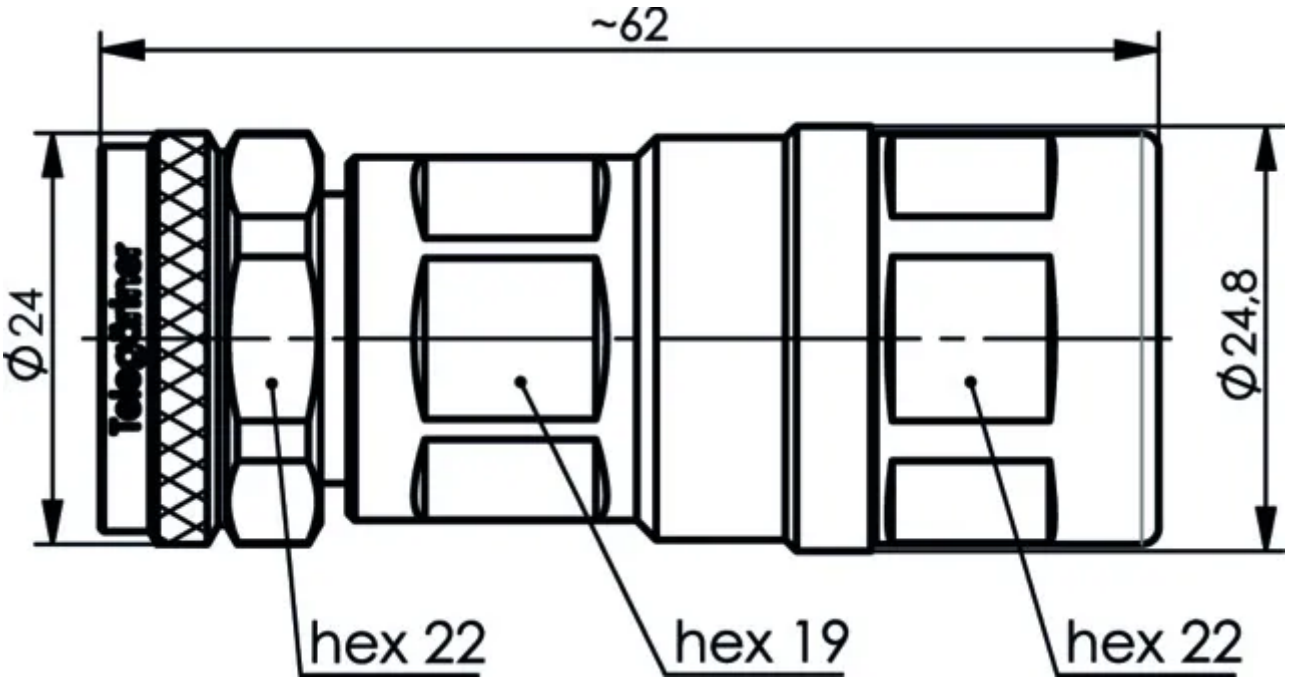
Start Frequency
0 GHz
Stop Frequency
6 GHz
Peak Power
1 kW
PIM, 3rd Order
≤ -155 dBc
Input Impedance
50 Ω
Inner Contact Resistance
≤ 1 mΩ
Insulation Resistance
≥ 5000 mΩ
Outer Contact Resistance

≤ 0.5 mΩ
RF Operating Voltage
≤ 2500 Vrms
VSWR Measurement

Frequency	Return Loss	Insertion Loss
2000 MHz	≤ 36 dB	0.1 dB
4000 MHz	≤ 32 dB	
6000 MHz	≤ 28 dB	

Physical Specification

Cable Group
1/2 Corrugated
Body Material
Brass
Body Plating
Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)
Insulator Material
Topas COC
Dimensions
62 x 24.8 mm
Compliance/Certifications
RoHS
Conductor Attachment
Cable, Captivated
Contact Material
Copper Alloy
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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