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Telegartner 4.3-10 straight jack, clamp/clamp, G24 (7/8"); G52 (7/8" Alu), SIMFix CA-Pro

SKU
ACC-TG-00012
MPN
100025267

Description

The Telegärtner 4.3-10 Straight Jack is a high-performance RF connector designed for use with 7/8” corrugated cables, offering robust connectivity in telecommunications and data communications systems. Its straight body and free-hanging mounting style make it ideal for applications requiring durable, reliable connections in challenging environments. This connector is engineered to support a frequency range of 0 to 6.0 GHz, making it suitable for a variety of RF and microwave applications, including mobile communications, broadcast systems, and network infrastructure.

Constructed with a brass body and a copper-silver alloy plating, it ensures excellent conductivity and corrosion resistance, while the PTFE/Teflon insulator provides superior electrical insulation. Capable of withstanding over 500 mating cycles, it offers long-lasting performance even under frequent use. The connector maintains a low 3rd order PIM rating of ≤ -155 dBc...

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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 Female	Straight	Free Hanging

RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
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
2000 MHz	≤ 36 dB
4000 MHz	≤ 27 dB
6000 MHz	≤ 25 dB

Physical Specification

Cable Group

7/8 Corrugated

Body Material

Brass

Body Plating

Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)

Insulator Material

PTFE / Teflon

Dimensions

66 x 36

Weight

140 g

Compliance/Certifications

RoHS

Conductor Attachment

Cable, Captivated

Contact Material

Brass, Copper Alloy

Contact Plating

Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3)

Min. Operating Temperature

-40 °C

Max. Operating Temperature

85 °C

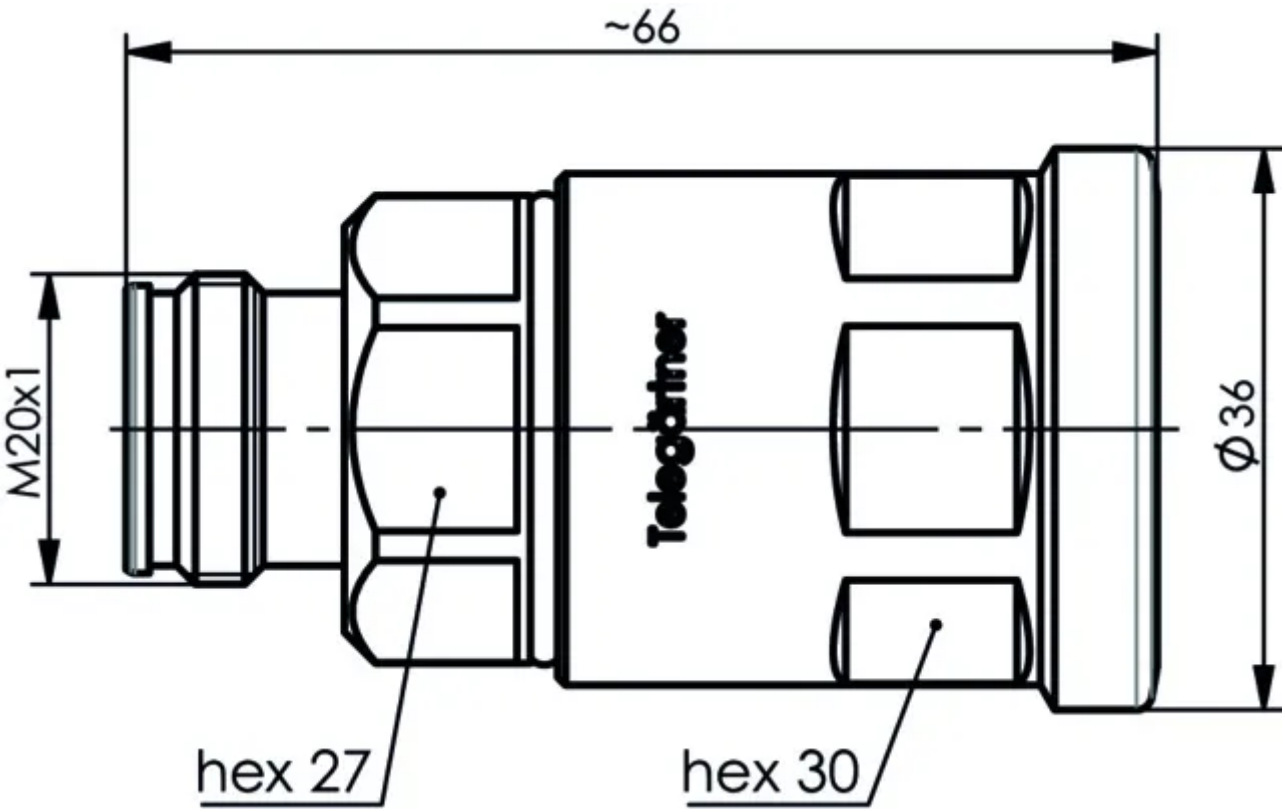
Ingress Protection

IP68

Mating Cycles

> 500

Drawing



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