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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...

[Read More](#)



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 m Ω

Insulation Resistance

≥ 5000 m Ω

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

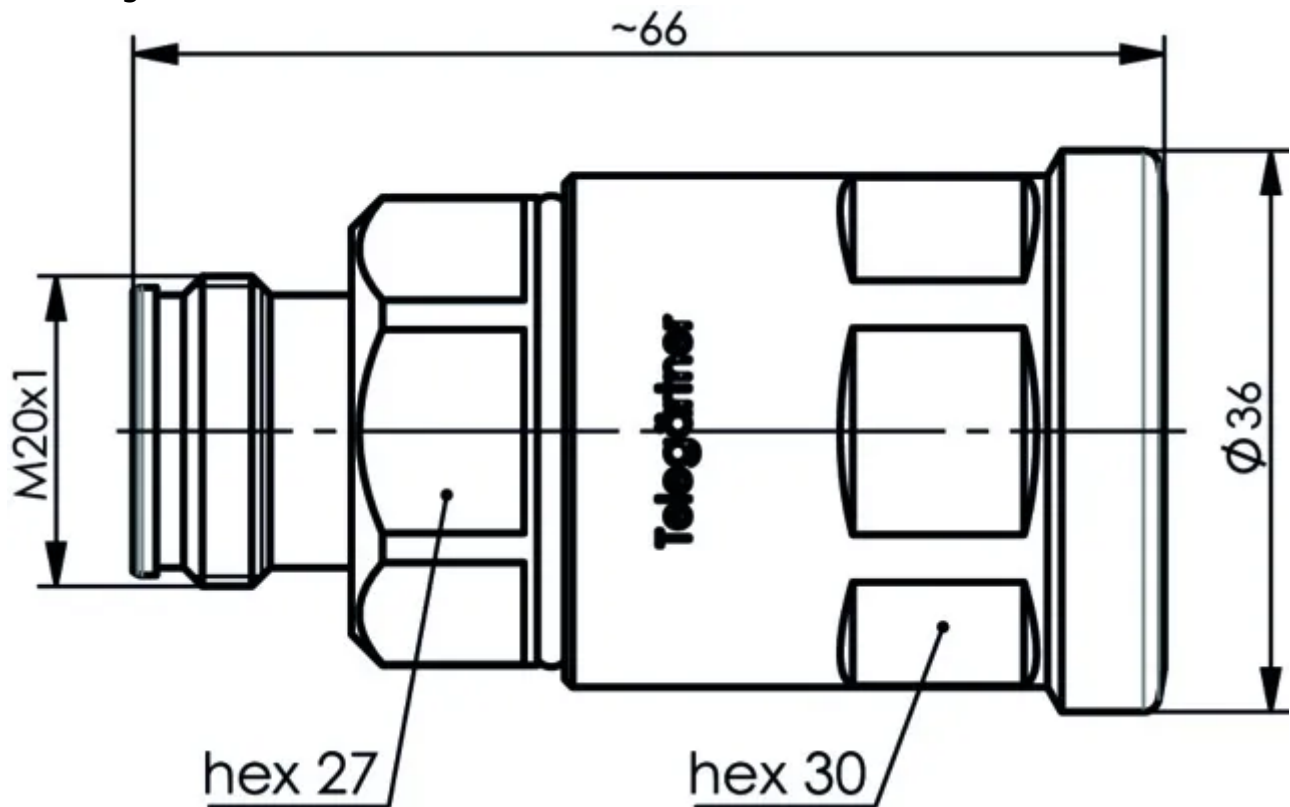
Ingress Protection

[IP68](#)

Mating Cycles

> 500

Drawing



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