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Telegartner 4.3-10 to 4.3-10 (screw type) Jumper cable 1/2" IP68 Plug-Plug

SKU
ACC-TG-00023
MPN
100010294

Description

The Telegärtner 4.3-10 to 4.3-10 Jumper Cable (SKU: ACC-TG-00023, Part No: 100010294) is a high-performance RF cable designed for demanding applications in telecommunications and data communications. This 1/2" corrugated coaxial cable is ideal for integration into large antenna systems, particularly within passive Distributed Antenna Systems.

Featuring a robust solid corrugated copper outer conductor, the cable provides excellent shielding with 110 dB effectiveness and achieves low Passive Intermodulation (PIM) targets, rated at -166 dBc. The cable's connectors are both 4.3-10 Male with a straight body and free-hanging mounting style, ensuring easy and secure connections. Designed to withstand multiple mating cycles, it supports reliable performance across a wide frequency range.

The cable exhibits superior electrical performance with Return Loss measurements of ≤ 32.00 dB at 450 MHz and 900 MHz, ≤ 30.00 dB at 1800 MHz and 2100 MHz, and ≤...

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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 Specification

PIM, 3rd Order
-166 dBc
VSWR Measurement

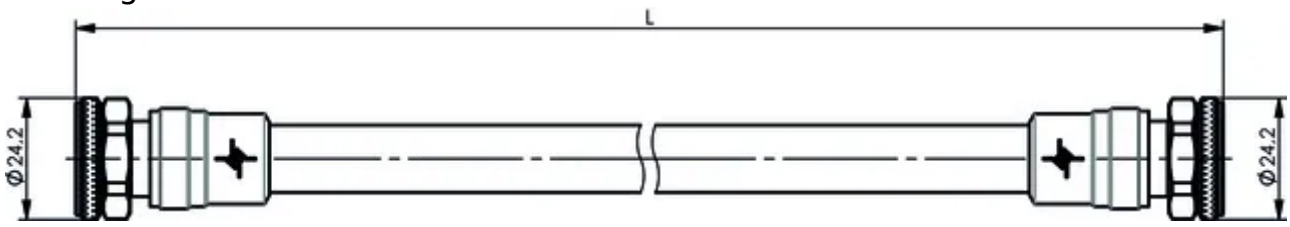
Frequency	Return Loss
450 MHz	≤ 32 dB
900 MHz	≤ 32 dB
1800 MHz	≤ 30 dB
2100 MHz	≤ 30 dB
2700 MHz	≤ 28 dB
3500 MHz	≤ 26 dB

Physical Specification

Subtype
Jumper Cable
RF Connectors

RF Interface	Body Shape	Mounting
4.3-10 Male	Straight	Free Hanging
4.3-10 Male	Straight	Free Hanging

Drawing



1/2 Corrugated

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
50 mm
Min. Bend Radius Dynamic
125 mm
Attenuation @ 1 GHz

0.07 dB/m

Max. Frequency

8.8 GHz

Shielding Effectiveness

> 110 dB

Colour

Black

Weight (g/m)

220 g

Cable Layers

Layer	Diameter	Materials
Inner Conductor	4.80 mm	Copper Clad Aluminium (CCA)
Dielectric	12.30 mm	Foamed Polyethylene (EPE)
Outer Conductor	13.80 mm	Corrugated Copper Tube
Outer Jacket	15.70 mm	Polyethylene (PE)

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