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RG-402 Patch Cable 4.3-10 Male to SMA Male Low PIM 30cm

SKU
IBC-PT-00060
MPN
CA-R402-431SA1.030
Barcode
9337692001840

Description

The RG-402 Patch Cable from Powertec, part number CA-R402-431SA1.030, is a high-performance RF coaxial cable designed for reliable component interconnection. Measuring 30 cm in length, this cable features a PSF-402 semi-flexible design with a bright blue 4.2 mm outer jacket. It offers low PIM and excellent shielding, making it ideal for demanding RF applications.

Supporting frequencies up to 34 GHz, the PSF-402 series provides an optimal balance between performance and cost. Its microwave-grade construction ensures mode-free operation and easy formability, allowing bends immediately behind the fillet without compromising integrity. The tin-soaked copper braid offers near-total RF shielding, reducing interference and enhancing signal clarity.

One end of the cable is equipped with a 4.3-10 Male connector, while the other end features an SMA Male connector, both with straight body shapes and free-hanging mounting styles. Designed to...

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Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz

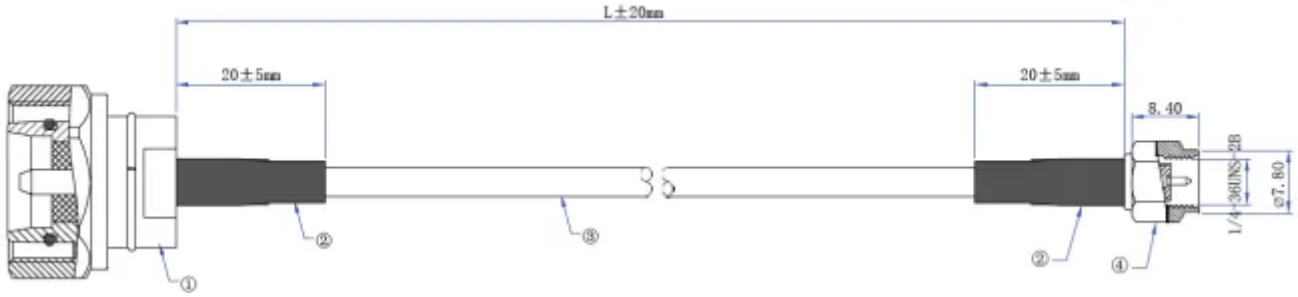
Physical Specification

Subtype
Patch Cable
Mating Cycles
> 500
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Length
0.3 m
Weight
58 g

RF Connectors

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

Drawing



PSF-402

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
8 mm
Min. Bend Radius Dynamic
40 mm
Max. Frequency
34 GHz
Shielding Effectiveness
> 110 dB
Colour
Blue
Cable Layers

Layer	Diameter	Materials
Inner Conductor	0.93 mm	Silver Plated Copper (SC)
Dielectric	3.00 mm	PTFE / Teflon
Outer Conductor	3.52 mm	Tin Soaked Copper Braid
Outer Jacket	4.20 mm	Polyolefin LSZH

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