

# 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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## RF Specification

Start Frequency:   
WIRELESS TECHNOLOGY

**Powertec**  
0 GHz

Stop Frequency:

6 GHz

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 ...

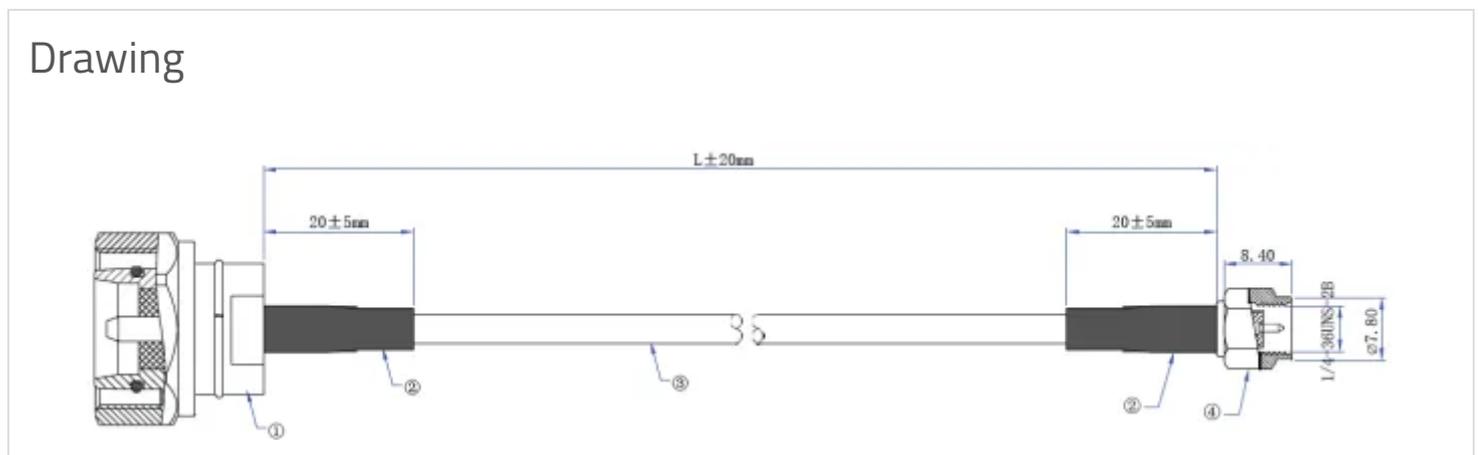
# Physical Specification

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

## 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	Max. Frequency:	34 GHz
Impedance:	50	Shielding Effectiveness:	> 110 dB
Min. Bend Radius Static:	8 mm	Colour:	Blue
Min. Bend Radius Dynamic:	40 mm		

## 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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