

# 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...

Read More



# RF Specification

Start Frequency:

0 GHz

Stop Frequency:

6 GHz

## 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

4.3-10 Male

SMA Male

### Body Shape

Straight

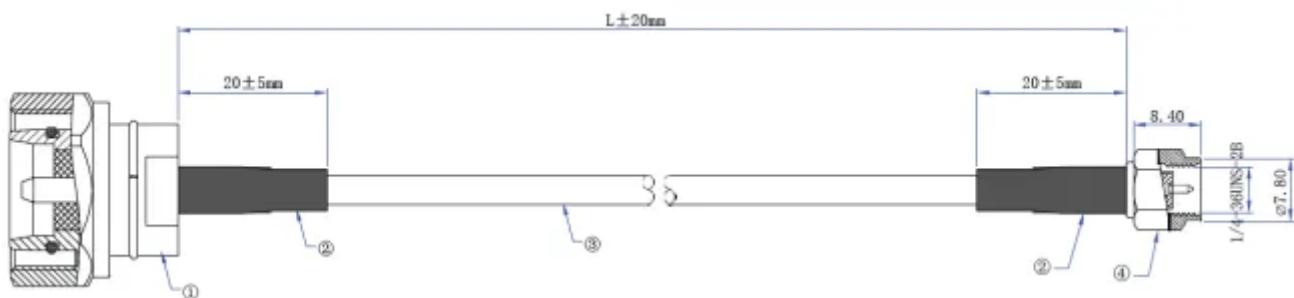
Straight

### Mounting

Free Hanging

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

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

