

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:

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

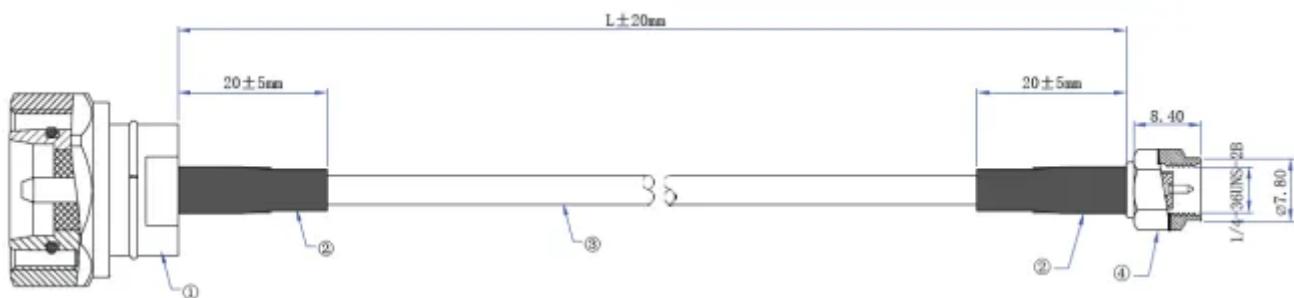
Straight

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

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