

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](#)



Powertec

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

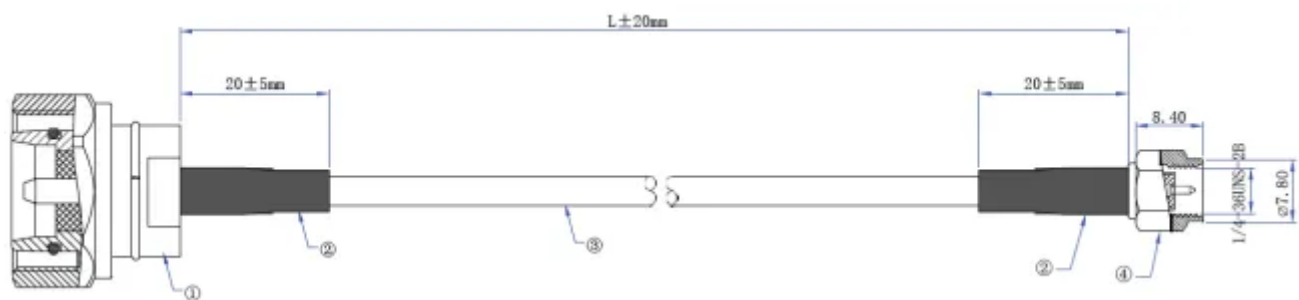
Physical Specification

Subtype:	Patch Cable	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

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.

