

# RG-402 Patch Cable N Male to SMA Male Low PIM 30cm

SKU: ACC-PT-00304  
 MPN: CA-R402-N1SA1.030  
 Barcode: 9337692002519

## Description

The RG-402 Patch Cable N Male to SMA Male Low PIM 30cm (SKU: ACC-PT-00304) by Powertec is a high-performance RF cable designed for efficient component interconnection. Featuring the PSF-402 Series, this 0.141" semi-flexible coaxial cable offers low loss with a durable 4.2 mm bright blue outer jacket. It supports frequencies up to 34 GHz, making it ideal for various RF applications.

The cable provides excellent RF shielding with a tin-soaked copper braid, ensuring minimal interference. Its malleable outer jacket prevents solder joint failures, allowing for bends right behind the fillet, while its low PIM rating of -120 dBc ensures high signal integrity. Designed to withstand over 500 mating cycles, this cable is reliable for long-term use.

This 0.3 m cable, weighing 58 grams, features a N Male connector on one end and a SMA Male connector on the other, both with a straight body shape and free-hanging mounting style. It meets ISO 9001 and...

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## RF Specification

Start Frequency:  PIM, 3rd Order:	Powertec 0 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 ...	Stop Frequency: 6 GHz
VSWR Measurement		

**Frequency**

3000 MHz

6000 MHz

**VSWR** $\leq 1.2:1$  $\leq 1.5:1$ 

# Physical Specification

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

N Male

SMA Male

**Body Shape**

Straight

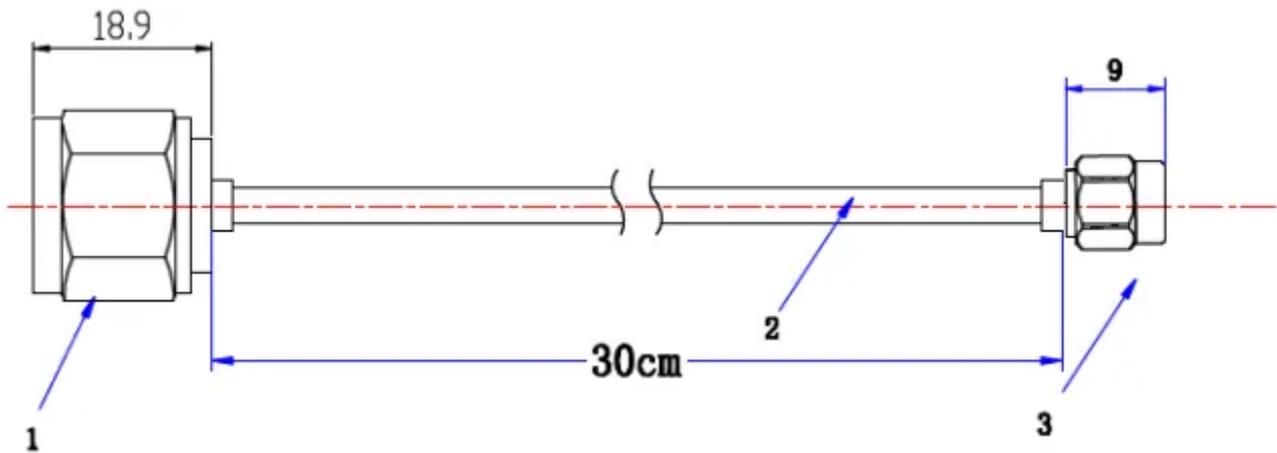
Straight

**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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