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

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

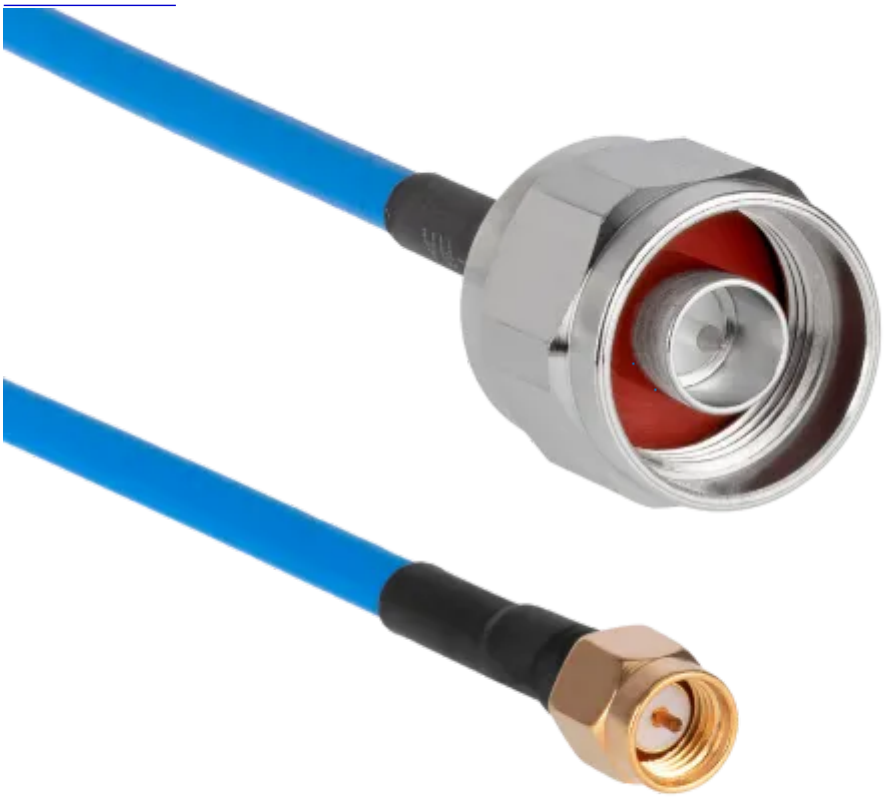
Description

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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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
PIM, 3rd Order
-120 dBc
Stop Frequency
6 GHz
VSWR Measurement

Frequency	VSWR
3000 MHz	≤ 1.2:1
6000 MHz	≤ 1.5:1

Physical Specification

Subtype
Patch Cable
Mating Cycles
> 500
Compliance/Certifications

ISO 9001 Quality Management

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RoHS

Length

0.3 m

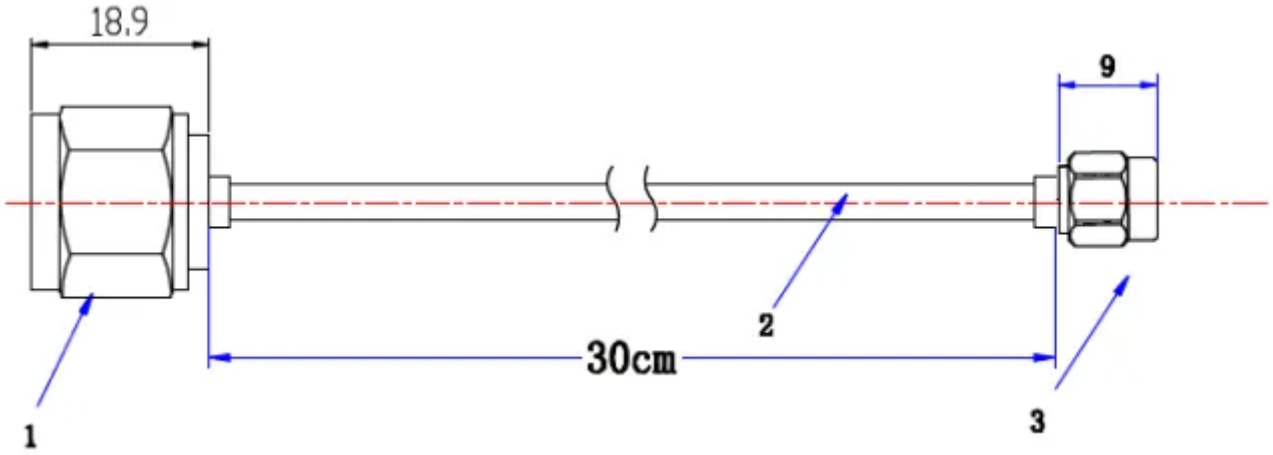
Weight

58 g

RF Connectors

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging
SMA Male	Straight	Free Hanging

Drawing



PSF-402

Min. Frequency

0 GHz

Impedance

50 Ω

Min. Bend Radius Static

8 mm

Min. Bend Radius Dynamic

40 mm

Max. Frequency

34 GHz

Shielding Effectiveness

> 110 dB

Colour

Blue

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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