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RG-402 Patch Cable N Male to SMA Male Low PIM 1m

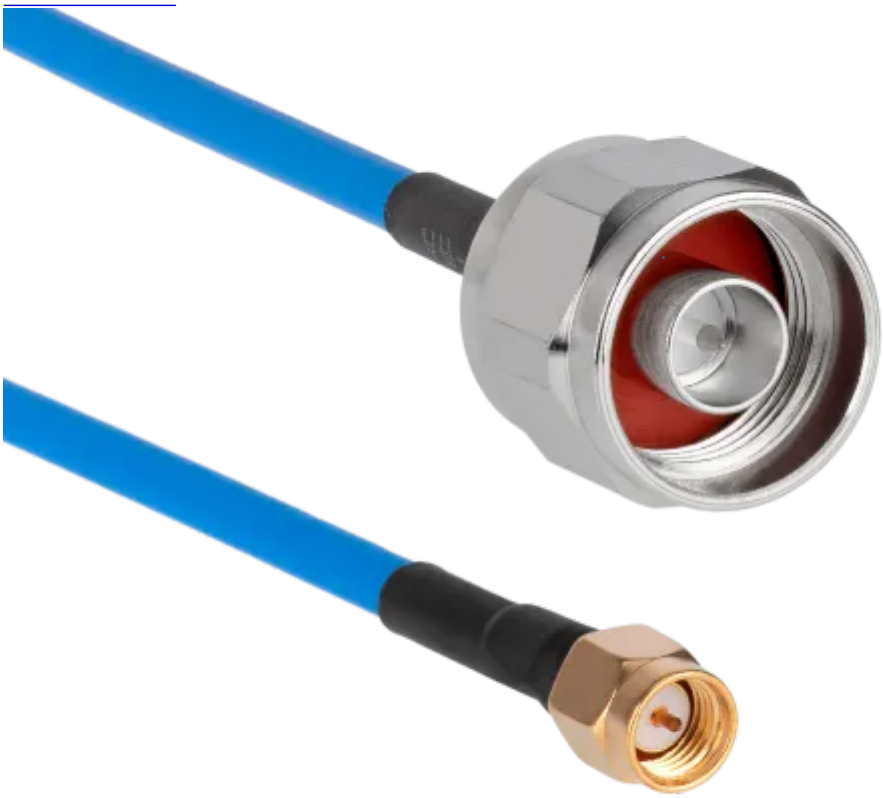
SKU
ACC-PT-00374
MPN
CA-R402-N1SA1.1
Barcode
9337692002793

Description

The RG-402 Patch Cable N Male to SMA Male Low PIM 1m (SKU: ACC-PT-00374) by Powertec is a high-performance RF coaxial cable ideal for seamless component interconnection. Featuring the PSF-402 series, this 0.141" semi-flexible coaxial cable boasts a bright blue 4.2 mm outer jacket, offering an efficient balance between performance and cost. Capable of supporting frequencies up to 34 GHz, the PSF-402 is a microwave-grade cable known for its easy hand-forming, excellent shielding, and very low passive intermodulation (PIM).

The cable is designed with near 100% RF shielding, thanks to its tin-soaked copper braid, and its malleable jacket reduces solder joint failures, enabling bends close to the fillet. It is 1 metre long, weighs 75 grams, and can endure over 500 mating cycles. It operates within a frequency range of 0 GHz to 6 GHz, featuring a 3rd Order PIM rating of -120 dBc. Compliant with ISO 9001 and RoHS standards, it ensures quality...

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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

,

RoHS

Length

1 m

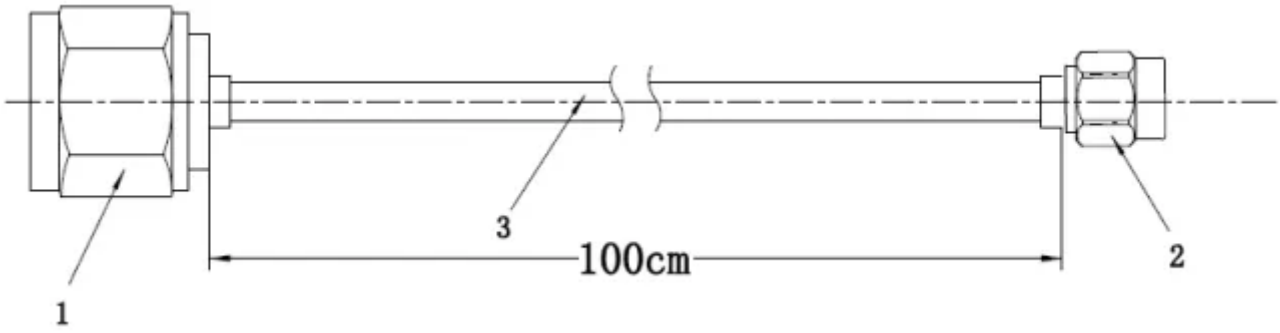
Weight

75 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

Layer	Diameter	Materials
Outer Conductor	3.52 mm	Tin Soaked Copper Braid
Outer Jacket	4.20 mm	Polyolefin LSZH

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