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

SKU
ACC-PT-00369
MPN
CA-R402-N1N1.1
Barcode
9337692002595

Description

The RG-402 Patch Cable N Male to N Male Low PIM 1m (SKU: ACC-PT-00369) by Powertec offers reliable RF connectivity for various applications. Crafted with the PSF-402 cable type, this 0.141" semi-flexible coaxial cable combines performance and affordability, supporting frequencies up to 34 GHz. Its bright blue 4.2 mm outer jacket is not only visually distinct but also enhances durability.

Key features include excellent RF shielding, ensured by a tin-soaked copper braid, and a malleable outer jacket that prevents solder joint failures, allowing bends close to the fillet. This cable supports over 500 mating cycles, making it suitable for frequent connections. Variations in colour aid in easy identification of radio chains.

The RG-402 is designed for a frequency range of 0 GHz to 6 GHz, with a 3rd Order PIM rating of -155 dBc, ensuring minimal interference. VSWR performance is ≤1.2:1 at 3000 MHz and ≤1.5:1 at 6000 MHz, maintaining signal...

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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
-155 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

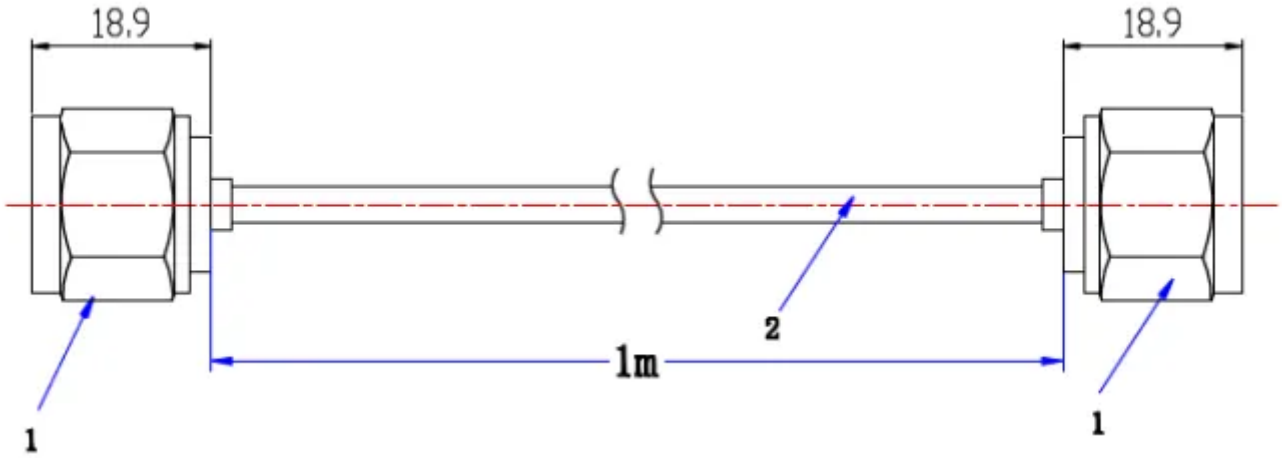
Weight

75 g

RF Connectors

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging
N 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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