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RG-402 Patch Cable N Male to N Male Low PIM 50cm

SKU
ACC-PT-00368
MPN
CA-R402-N1N1.050
Barcode
9337692002588

Description

The RG-402 Patch Cable N Male to N Male Low PIM 50cm, identified by SKU: ACC-PT-00368 and part number CA-R402-N1N1.050, is a high-performance coaxial cable developed by Powertec. This cable belongs to the RF Cables category and features the PSF-402 type, known for its 0.141" semi-flexible design and bright blue 4.2 mm outer jacket. It supports frequencies up to 34 GHz, making it an excellent choice for RF component interconnections due to its balance of cost and performance.

The PSF-402 series offers exceptional RF shielding with a tin-soaked copper braid, ensuring near-total effectiveness. Its hand-formable nature and flexible jacket prevent solder joint failures, allowing bends directly behind the fillet. This cable is designed for durability, withstanding over 500 mating cycles and operating within a frequency range of 0 GHz to 6 GHz. Weighing 63 grams and measuring 0.5 m, it complies with ISO 9001 and RoHS standards.

Both ends of the...

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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

0.5 m

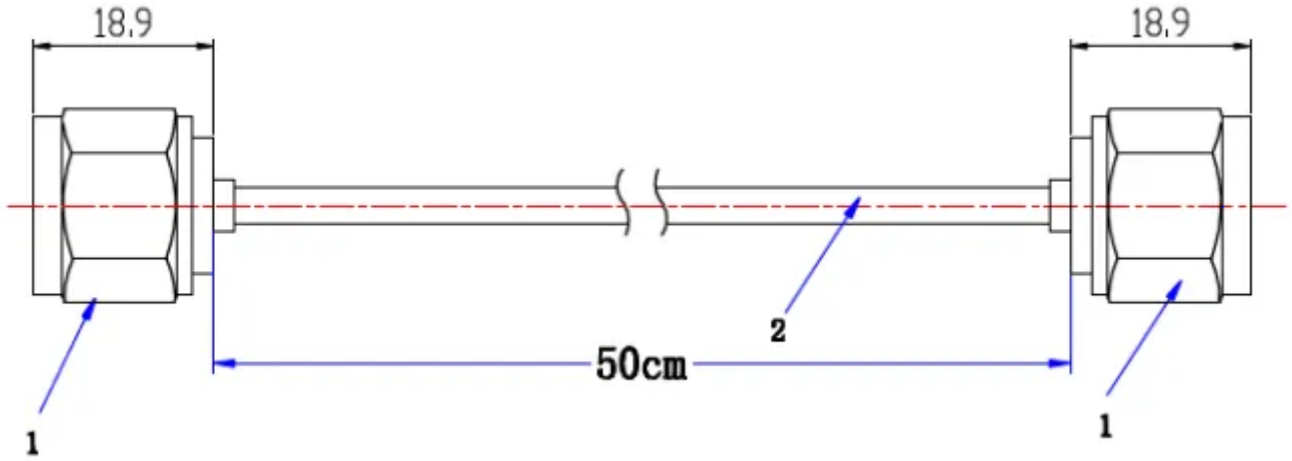
Weight

63 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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