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Powertec Wireless Technology  
ABN: 42 082 948 463  
PO Box 1034, Ashmore City  
Queensland, Australia, 4214  
sales@powertec.com.au  
1300 769 378

## **PSF-402 Patch cable 4.3-10 Male to SMA Male 50cm**

SKU  
IBC-PT-00061  
MPN  
CA-R402-431SA1.050  
Barcode  
9337692001857

## Description

The PSF-402 Patch Cable, model IBC-PT-00061, is a high-performance RF cable by Powertec designed for reliable interconnection in RF systems. This 50 cm cable features a 4.3-10 Male connector and an SMA Male connector, both with a straight body and free-hanging mounting. The 4.3-10 Male connector offers IP67 water resistance when paired with a compatible connector, ensuring durability in demanding environments.

Constructed with a PSF-402 0.141" semi-flexible coaxial cable, it supports frequencies up to 34 GHz, making it ideal for high-frequency applications. Its bright blue, 4.2 mm outer jacket is not only visually distinctive but also aids in easy identification within complex systems. The cable's design ensures excellent shielding and very low Passive Intermodulation (PIM), crucial for maintaining signal integrity.

This hand-formable microwave-grade cable is robust, withstanding over 500 mating cycles, and offers near 100% RF shielding...

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## Powertec

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

Stop Frequency

6 GHz

## 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

[4.3-10 Male](#)   [Straight](#)   [Free Hanging](#)

[SMA Male](#)   [Straight](#)   [Free Hanging](#)

Drawing



## PSF-402

Min. Frequency

0 GHz

Impedance

50  $\Omega$

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	<a href="#">Silver Plated Copper (SC)</a>
Dielectric	3.00 mm	<a href="#">PTFE / Teflon</a>
Outer Conductor	3.52 mm	<a href="#">Tin Soaked Copper Braid</a>
Outer Jacket	4.20 mm	<a href="#">Polyolefin LSZH</a>

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