

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...

[Read More](#)



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	Length:	0.5 m
Mating Cycles:	> 500	Weight:	63 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

RF Connectors

RF Interface

- 4.3-10 Male
- SMA Male

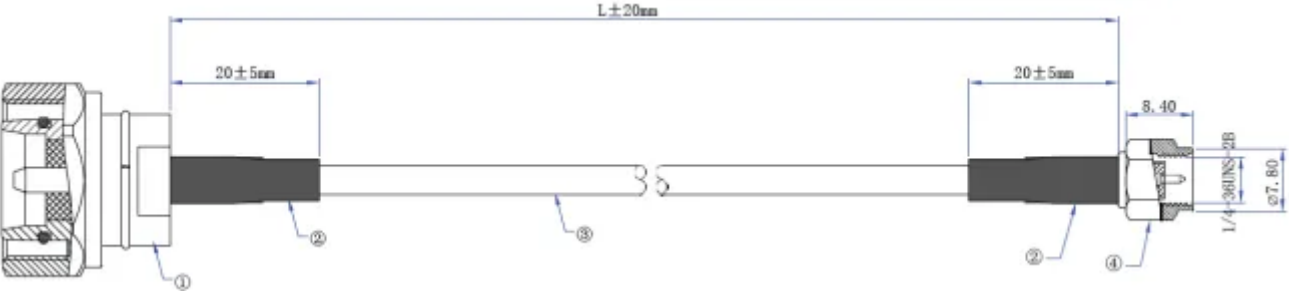
Body Shape

- Straight
- Straight

Mounting

- Free Hanging
- Free Hanging

Drawing



PSF-402

Min. Frequency:	0 GHz	Max. Frequency:	34 GHz
Impedance:	50	Shielding Effectiveness:	> 110 dB
Min. Bend Radius Static:	8 mm	Colour:	Blue
Min. Bend Radius Dynamic:	40 mm		

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

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

