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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 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

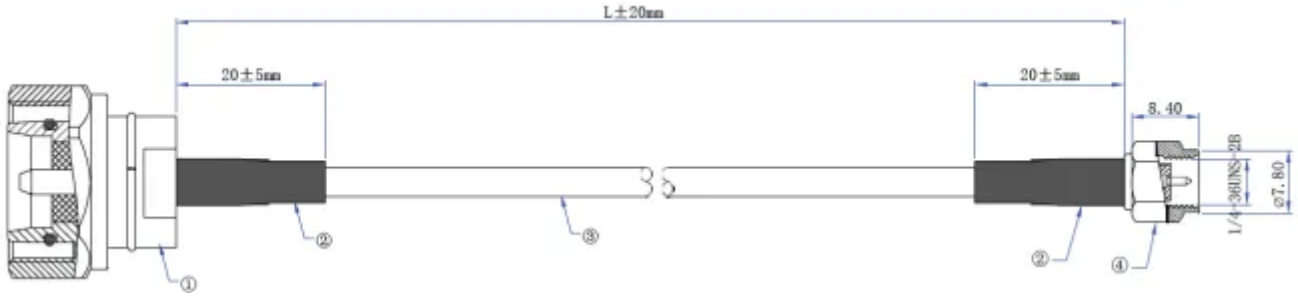
Physical Specification

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 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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