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PSF-402 Cable Assembly, SMA Female to SMA Male, 180 mm

SKU
ACC-PT-00396
MPN
CA402-SA2SA1.018
Barcode
9337692004827

Description

SMA Female to SMA Male 0.141" semi-flex patch cables are a high performance, microwave-grade assembly designed to interconnect two components within an RF system. This PSF-402 assembly boasts low PIM, low VSWR, and 110 dB shielding.

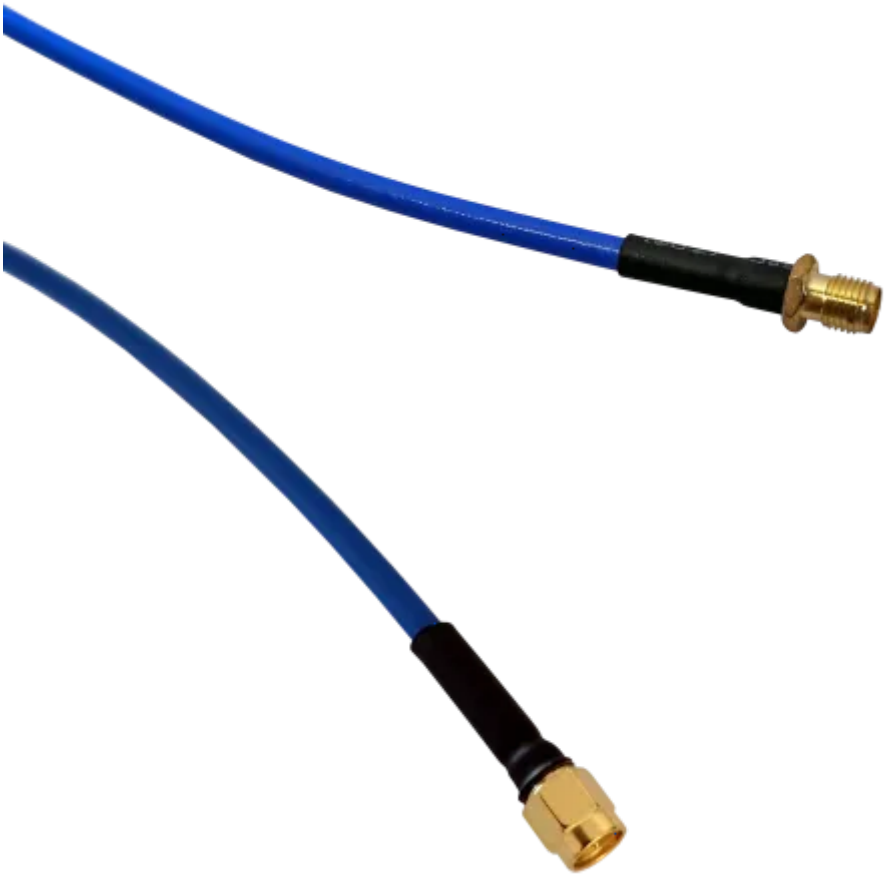
SMA Female to SMA Male patch cables are very short coaxial cables designed to sit between a larger feeder cable and the end device, providing flexibility and strain relief to prevent damage to the equipment.

These cables are factory terminated and swept prior to leaving the manufacturing facility.

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PSF-402 is a 0.141" Semi Flex cable type used a very high performance patching cable. The PSF prefix refers to "Powertec Semi-Flexible", distinguishing it from other Powertec manufactured cable types. Most SMA Male to SMA Female patch cables find their use in commercial and industrial RF systems where a short connection is required from the antenna feeder to the device.

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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
VSWR Measurement

Frequency	VSWR
3000 MHz	≤ 1.3:1
6000 MHz	≤ 1.5:1

Physical Specification

Subtype
Patch Cable
Mating Cycles
> 500
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Length
0.18 m
Weight
13.5 g
RF Connectors

RF Interface	Body Shape	Mounting
SMA Female	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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