

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.

[Read More](#)

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.

[Read More](#)



RF Specification

Powertec



Start Frequency:

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 ...

0 GHz

Stop Frequency:

6 GHz

VSWR Measurement

Frequency

3000 MHz

6000 MHz

VSWR $\leq 1.3:1$ $\leq 1.5:1$

Physical Specification

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

RF Connectors**RF Interface**

SMA Female

SMA Male

Body Shape

Straight

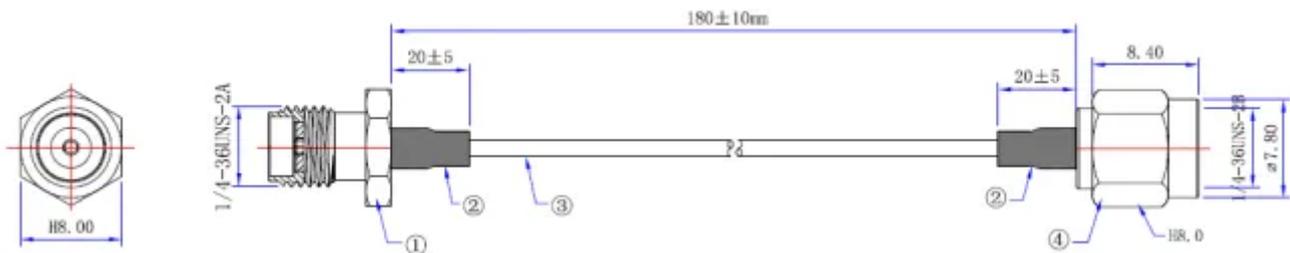
Straight

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.

