

# PSF-402 Patch Cable 4.3-10 Male to SMA Male 1m

SKU: IBC-PT-00062

MPN: CA-R402-431SA1.1

Barcode: 9337692002397

## Description

4.3-10 Male to SMA Male PSF-402 0.141" semi-flex patch cables are a high-performance, microwave-grade assembly designed to interconnect two components within an RF system.

The 4.3-10 Male connector is IP67 rated when mated to a compatible and IP67-rated female connector. The 4.3-10 Male connector has a ternary alloy plated contact for low PIM.

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

Powertec PSF-402 is a 0.141" Semi Flex cable type that is used as a very high-performance patching cable. This cable type has been adopted to meet the high electrical performance requirements imposed by the latest generation wireless technologies.



# RF Specification

Start Frequency: 0 GHz Stop Frequency: 6 GHz

## Physical Specification

Subtype:	Jumper Cable	Length:	1 m
Mating Cycles:	> 500	Weight:	110 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS	'		

## RF Connectors

RF Interface	Body Shape	Mounting
4.3-10 Male	Straight	Free Hanging
SMA Male	Straight	Free Hanging

## 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

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