

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

SKU: ACC-PT-00401
 MPN: CA402-N15A1.018
 Barcode: 9337692004810

Description

N 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.

This short 180 mm cable is designed connect two passive components while meeting strict VSWR and PIM requirements.

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



RF Specification

Start Frequency:	0 GHz	Stop Frequency:	6 GHz
------------------	-------	-----------------	-------

VSWR Measurement

Frequency	VSWR
3000 MHz	≤ 1.2:1
6000 MHz	≤ 1.5:1

Physical Specification

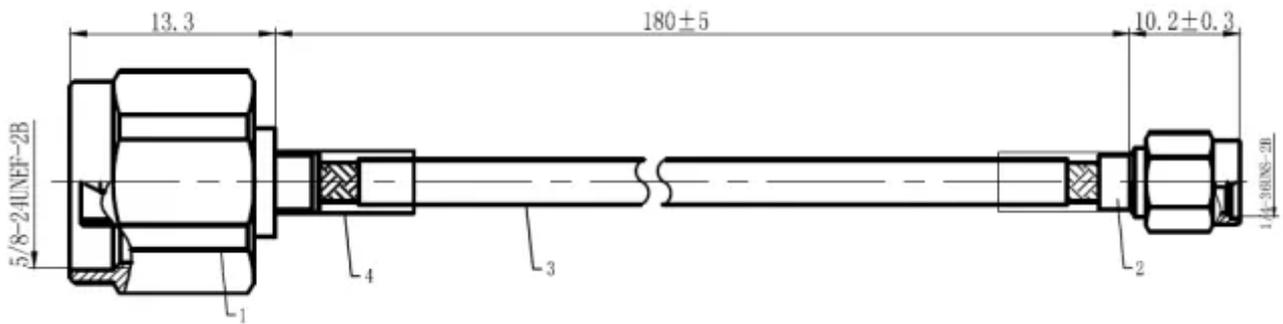
Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

Subtype:	Patch Cable	Length:	0.18 m
Mating Cycles:	> 500	Weight:	46 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

RF Connectors

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging
SMA Male	Straight	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.

