

Page



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

SKU
ACC-PT-00401
MPN
CA402-N1SA1.018
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.



[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 $\leq 1.2:1$

6000 MHz $\leq 1.5:1$

Physical Specification

Subtype

[Patch Cable](#)

Mating Cycles

> 500

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Length

0.18 m

Weight

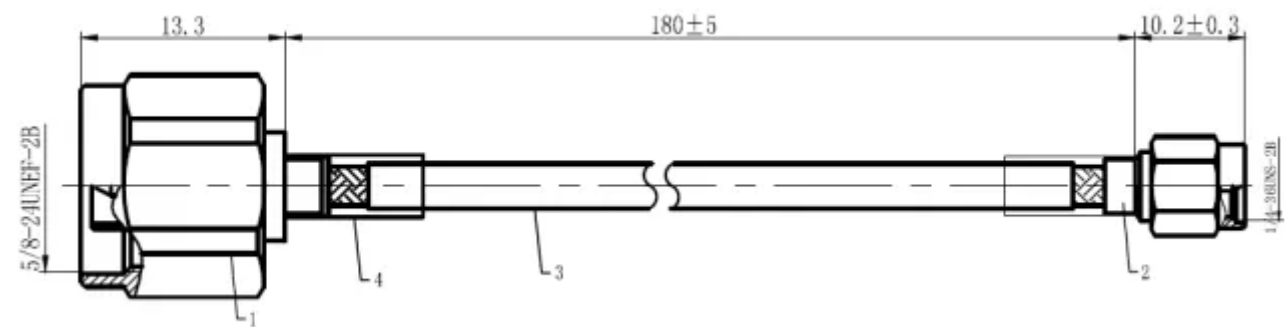
46 g

RF Connectors

RF Interface Body Shape Mounting

[N 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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