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# PSF-402 Cable Assembly, 4.3-10 Female to SMA Male, 18 cm

SKU
ACC-PT-00383
MPN
CA402-432SA1.018
Barcode
9337692004780

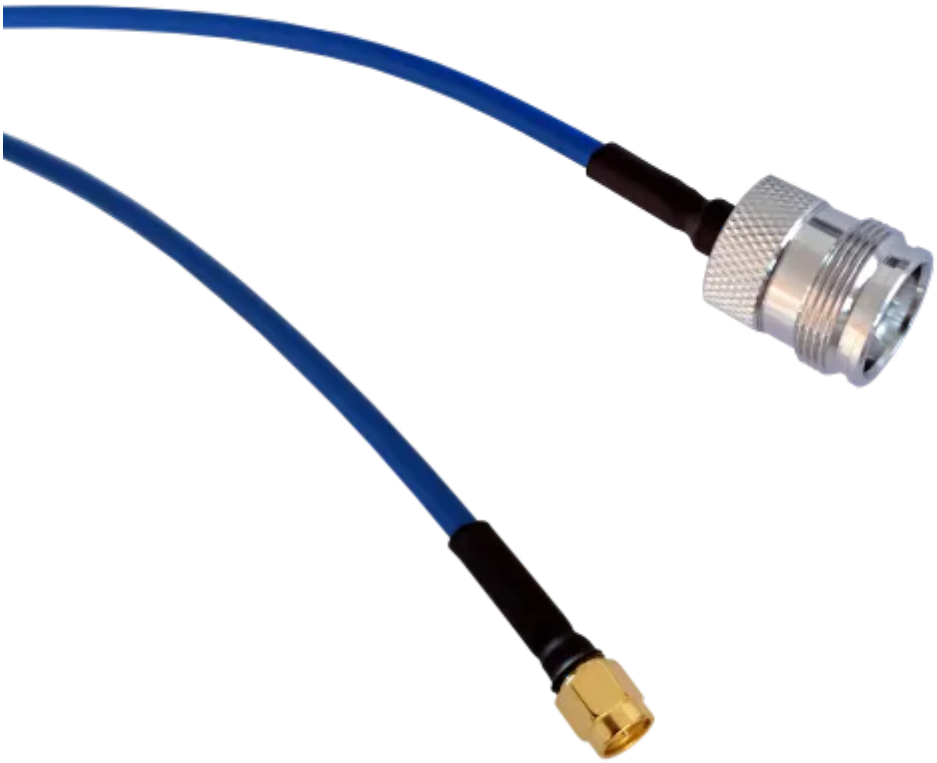
**Description**

4.3-10 Female to SMA Male RG-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 to interconnect a 4.3-10 Male feeder cable to a passive component with a 110 dB shielding while also meeting strict VSWR and PIM requirements.

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

Read More



**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 | ≤ 1.2:1 |
| 6000 MHz | ≤ 1.5:1 |

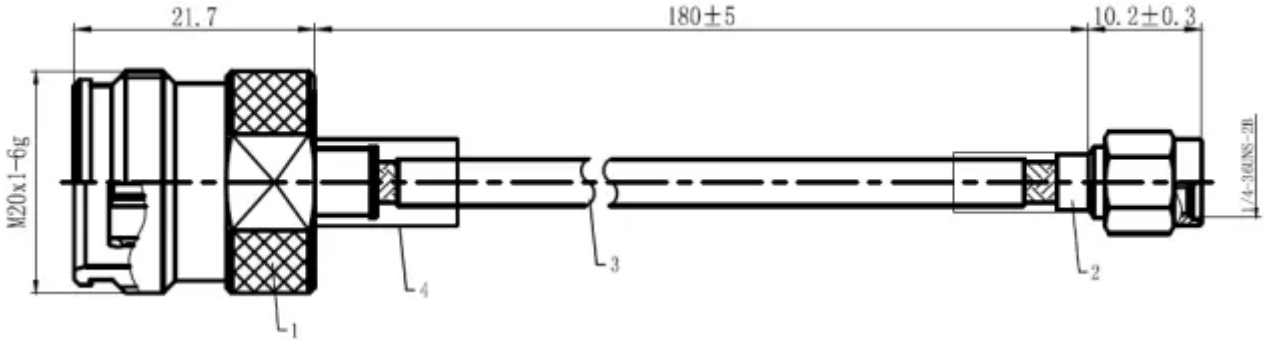
# Physical Specification

Subtype
Patch Cable
Mating Cycles
> 500
Compliance/Certifications
ISO 9001 Quality Management
,

RoHS
Length
0.18 m
Weight
42 g
RF Connectors

| RF Interface | Body Shape | Mounting |
|---|---|---|
| 4.3-10 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 |

| Layer | Diameter | Materials |
| --- | --- | --- |
| Outer Jacket | 4.20 mm | Polyolefin LSZH |

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