

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.



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 |
|------------------|-------|-----------------|-------|

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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