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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.





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

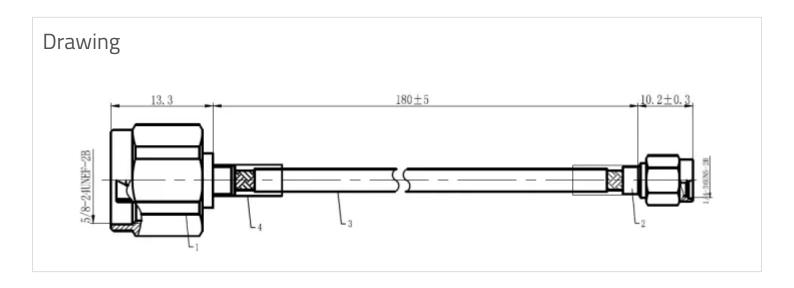
| Start Frequency: | 0 GHz | Stop Frequency: | 6 GHz | |
|------------------|-----------|-----------------|---------|--|
| VSWR Measure | ement | | | |
| | Frequency | | VSWR | |
| | 3000 MHz | | ≤ 1.2:1 | |
| | 6000 MHz | | ≤ 1.5:1 | |

Physical Specification

| 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 |



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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