

PTL-400 Coaxial Cable N Male to N Male 10m

SKU: ACC-PT-00068

MPN: CA-P400-N1N1.10

Barcode: 9337692002014

Description

The Powertec PTL-400 Coaxial Cable N Male to N Male 10m (SKU: ACC-PT-00068) is a high-performance RF cable ideal for wireless communication systems. Featuring a PTL-400 series design, this low-loss coaxial cable supports frequencies up to 6 GHz, making it suitable for a range of applications from entry-level to intermediate systems. With a 10.29 mm outer diameter, the cable is flexible, utilising a double-layered outer conductor of aluminium tape and tinned copper braiding, delivering exceptional RF shielding exceeding 90 dB.

The cable is encased in a durable PE jacket, ensuring a service life of over 20 years. It withstands over 500 mating cycles, offering reliable long-term performance. Both ends of the 10m cable are equipped with N Male connectors featuring a straight body and free-hanging mounting style, ensuring secure connections.

Weighing 1050 grams, the PTL-400 cable meets ISO 9001 Quality Management and RoHS certifications...

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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: | Feeder Cable | Length: | 10 m |
| Mating Cycles: | > 500 | Weight: | 1050 g |
| Compliance/Certifications: | ISO 9001 Quality Management | | |
| RoHS | | | |

RF Connectors

| RF Interface | Body Shape | Mounting |
|--------------|------------|--------------|
| N Male | Straight | Free Hanging |
| N Male | Straight | Free Hanging |

PTL-400

| | | | |
|---------------------------|----------|--------------------------|---------|
| Min. Frequency: | 0 GHz | Max. Frequency: | 6 GHz |
| Impedance: | 50 | Shielding Effectiveness: | > 90 dB |
| Min. Bend Radius Static: | 25.4 mm | Colour: | Black |
| Min. Bend Radius Dynamic: | 101.6 mm | Weight (g/m): | 100 g |

Cable Layers

| Layer | Diameter | Materials |
|-----------------|----------|---------------------------------------------------|
| Inner Conductor | 2.74 mm | Copper Clad Aluminium (CCA) |
| Dielectric | 7.24 mm | Foamed Polyethylene (EPE) |
| Outer Conductor | 7.39 mm | Aluminium Foil (Bonded) |
| Outer Conductor | 8.13 mm | Tinned Copper Braid (TC), Tinned Copper Clad AlMg |
| Outer Jacket | 10.29 mm | Polyethylene (PE) |

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