

PTL-400 Coaxial Cable N Male to N Male 25m

SKU: ACC-PT-00121
 MPN: CA-P400-N1N1.25
 Barcode: 9337692002045

Description

The PTL-400 Coaxial Cable N Male to N Male 25m (SKU: ACC-PT-00121) by Powertec is a high-performance RF cable designed for wireless communication systems. As part of the L-400 class, this low-loss cable features a 10.29 mm outer diameter and supports frequencies up to 6 GHz, making it ideal for both entry-level and intermediate applications.

This flexible coaxial cable utilises a double outer conductor consisting of aluminium tape and tinned copper braiding, providing superior RF shielding over 90 dB. Its durable PE jacket ensures a service life exceeding 20 years. The cable is designed to withstand more than 500 mating cycles, with N Male connectors on both ends, each in a straight body shape and free-hanging mounting style.

With a length of 25 metres and weighing 2550 grams, the PTL-400 maintains excellent performance within its 0 GHz to 6 GHz operating frequency range. It complies with ISO 9001 Quality Management and RoHS standards...

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RF Specification

Start Frequency: 0 GHz Stop Frequency: 6 GHz

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 ...

Physical Specification

| | | | |
|----------------------------|-----------------------------|---------|--------|
| Subtype: | Feeder Cable | Length: | 25 m |
| Mating Cycles: | > 500 | Weight: | 2550 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

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