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## **PTL-400 Coaxial Cable N Male to N Male 5m**

SKU  
ACC-PT-00074  
MPN  
CA-P400-N1N1.5  
Barcode  
9337692002007

## Description

The PTL-400 Coaxial Cable N Male to N Male 5m, model number CA-P400-N1N1.5, is a high-performance RF cable developed by Powertec. This PTL-400 series cable, with a 10.29 mm outer diameter, is an L-400 class low loss coaxial cable designed for wireless communication systems operating up to 6 GHz. Its flexible double outer conductor, composed of aluminium tape and tinned copper braiding, ensures exceptional RF shielding exceeding 90 dB. The cable features a durable PE jacket, offering a service life exceeding 20 years, and is designed to withstand over 500 mating cycles.

The 5-metre cable comes with N Male connectors on both ends, each with a straight body and free-hanging mounting style, making it suitable for a variety of applications. Weighing 550 grams, it is easy to handle and install. The cable is ISO 9001 and RoHS certified, ensuring high-quality standards and compliance with environmental regulations.

Powertec, the Australian-based...

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## 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

[Feeder Cable](#)

Mating Cycles

> 500

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Length

5 m

Weight

550 g

## RF Connectors

### RF Interface Body Shape Mounting

[N Male](#)      [Straight](#)      [Free Hanging](#)

[N Male](#)      [Straight](#)      [Free Hanging](#)

### **PTL-400**

Min. Frequency

0 GHz

Impedance

50  $\Omega$

Min. Bend Radius Static

25.4 mm

Min. Bend Radius Dynamic

101.6 mm

Max. Frequency

6 GHz

Shielding Effectiveness

> 90 dB

Colour

Black

Weight (g/m)

100 g

Cable Layers

Layer	Diameter	Materials
Inner Conductor	2.74 mm	<a href="#">Copper Clad Aluminium (CCA)</a>
Dielectric	7.24 mm	<a href="#">Foamed Polyethylene (EPE)</a>
Outer Conductor	7.39 mm	<a href="#">Aluminium Foil (Bonded)</a>
Outer Conductor	8.13 mm	<a href="#">Tinned Copper Braid (TC)</a> , <a href="#">Tinned Copper Clad AlMg</a>
Outer Jacket	10.29 mm	<a href="#">Polyethylene (PE)</a>

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