

# PTL-400 Coaxial Cable N Male to N Male 30m

SKU: ACC-PT-00183  
 MPN: CA-P400-N1N1.30  
 Barcode: 9337692002052

## Description

The PTL-400 Coaxial Cable N Male to N Male 30m (SKU: ACC-PT-00183) by Powertec, identified as CA-P400-N1N1.30, is an L-400 class low-loss coaxial cable designed for wireless communication systems. With a 10.29 mm outer diameter, this cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications.

Featuring a flexible design, the PTL-400 utilises a double outer conductor made of aluminium tape and tinned copper braiding, delivering over 90 dB RF shielding. The durable PE jacket ensures a service life exceeding 20 years. The cable measures 30 metres and weighs 3.05 kg, capable of enduring over 500 mating cycles, ensuring long-term reliability.

The cable's operating frequency range is from 0 to 6 GHz. It comes with N Male connectors on both ends, each featuring a straight body shape and free-hanging mounting style. Compliance with ISO 9001 and RoHS standards underscores its quality and environmental...

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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: | 30 m   |
| Mating Cycles:             | > 500                       | Weight: | 3050 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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