

# 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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## 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
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# 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

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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