

# PTL-400 Coaxial Cable N Male to N Male 50m

SKU: ACC-PT-00169

MPN: CA-P400-N1N1.50

Barcode: 9337692002076

## Description

The PTL-400 Coaxial Cable, model ACC-PT-00169, by Powertec, is a high-performance RF cable designed for wireless communication systems. With a 10.29 mm outer diameter, this L-400 class cable supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level applications. The cable features a double outer conductor—aluminium tape and tinned copper braiding—that provides over 90 dB of RF shielding, ensuring excellent signal integrity. Encased in a durable PE jacket, it promises a service life exceeding 20 years.

This 50 m cable, weighing 5050 g, is equipped with N Male connectors on both ends, offering a straight body shape and free-hanging mounting style. Designed to withstand over 500 mating cycles, it ensures long-term reliability in demanding environments. The PTL-400 is compliant with ISO 9001 Quality Management and RoHS standards, reflecting its commitment to quality and environmental responsibility.

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## Powertec

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# RF Specification

Start Frequency:	0 GHz	Stop Frequency:	6 GHz
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# Physical Specification

Subtype:	Feeder Cable	Length:	50 m
Mating Cycles:	> 500	Weight:	5050 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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