

# PTL-400 Coaxial Cable N Male to N Male 15m

SKU: ACC-PT-00050

MPN: CA-P400-N1N1.15

Barcode: 9337692002021

## Description

The PTL-400 Coaxial Cable N Male to N Male, 15m (SKU: ACC-PT-00050) by Powertec is a premium RF cable solution designed for wireless communication systems. With a PTL-400 L-400 class low loss specification, this cable boasts a 10.29 mm outer diameter, supporting frequencies up to 6 GHz. Its construction includes a double shielded outer conductor with aluminium tape and tinned copper braiding, providing exceptional RF shielding exceeding 90 dB. This ensures reliable performance in demanding environments.

The cable features a durable PE jacket, offering a service life exceeding 20 years, and is engineered to endure over 500 mating cycles. Each end of the cable is equipped with an N Male connector, featuring a straight body shape and free hanging mounting style, ensuring secure and stable connections.

Weighing 1550 grams, this 15-metre cable is compliant with ISO 9001 Quality Management and RoHS certifications, guaranteeing high standards in...

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# RF Specification

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

Subtype:	Feeder Cable	Length:	15 m
Mating Cycles:	> 500	Weight:	1550 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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