

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

SKU: ACC-PT-00338

MPN: CA-P400-N1SA1.5

Barcode: 9337692002113

## Description

The PTL-400 Coaxial Cable N Male to SMA Male, 5m (SKU: ACC-PT-00338), is a high-performance RF cable by Powertec, designed for diverse wireless communication systems. This PTL-400 series cable boasts a robust L-400 class design with a 10.29 mm outer diameter and supports frequencies up to 6 GHz, making it ideal for both entry and intermediate-level applications.

Constructed with a flexible double outer conductor of aluminium tape and tinned copper braiding, the PTL-400 offers exceptional RF shielding exceeding 90 dB. Its durable PE jacket ensures a service life exceeding 20 years and withstands over 500 mating cycles.

The cable features an N Male connector on one end and an SMA Male connector on the other, both with straight body shapes and free-hanging mounting styles. Weighing 550 g, this 5m cable adheres to ISO 9001 Quality Management and RoHS certifications, ensuring high-quality standards.

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# RF Specification

Start Frequency: 0 GHz Stop Frequency: 6 GHz

## Physical Specification

Subtype:	Feeder Cable	Length:	5 m
Mating Cycles:	> 500	Weight:	550 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS	'		

## RF Connectors

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging
SMA 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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