

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

SKU: ACC-PT-00343

MPN: CA-P400-N1SA1.30

Barcode: 9337692002168

## Description

The PTL-400 Coaxial Cable N Male to SMA Male 30m (SKU: ACC-PT-00343) by Powertec is a high-performance RF cable designed for wireless communication systems. This PTL-400 series cable is an L-400 class low loss coaxial with a 10.29 mm outer diameter, capable of supporting frequencies up to 6 GHz. Its flexible design features a double outer conductor made of aluminium tape and tinned copper braiding, providing exceptional RF shielding exceeding 90 dB. The PE jacket ensures a durable service life of over 20 years.

This 30-metre cable weighs 3050 grams and is built to withstand over 500 mating cycles. It operates within a frequency range of 0 GHz to 6 GHz, making it suitable for various wireless applications. The cable is compliant with ISO 9001 Quality Management and RoHS certifications, ensuring high standards of quality and environmental responsibility.

The cable is equipped with an N Male connector on one end and an SMA Male connector on...

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# RF Specification

Start Frequency: 0 GHz Stop Frequency: 6 GHz

## 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
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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