

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

SKU: ACC-PT-00340

MPN: CA-P400-N1SA1.15

Barcode: 9337692002137

## Description

The PTL-400 Coaxial Cable (SKU: ACC-PT-00340) by Powertec is a high-performance RF cable designed for entry to intermediate-level wireless communication systems. With a length of 15 metres and a weight of 1550 grams, this cable is part of the PTL-400 series, known for its low-loss characteristics and durability. It features a 10.29 mm outer diameter and can support frequencies up to 6 GHz, making it ideal for a wide range of applications.

The PTL-400 is a flexible cable with a robust double outer conductor made of aluminium tape and tinned copper braiding, delivering exceptional RF shielding exceeding 90 dB. Its PE jacket ensures a service life of over 20 years, and the cable is designed to withstand more than 500 mating cycles. It operates effectively across a frequency range of 0 to 6 GHz.

This cable is equipped with an N Male connector on one end and an SMA Male connector on the other, both featuring a straight body shape and free...

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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
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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