

# PTL-400 Coaxial Cable N Male to SMA Male 20m

SKU: ACC-PT-00341

MPN: CA-P400-N1SA1.20

Barcode: 9337692002144

## Description

The PTL-400 Coaxial Cable (SKU: ACC-PT-00341) by Powertec is a high-quality RF feeder cable designed for wireless communication systems. With an L-400 class designation, this cable features a diameter of 10.29 mm and supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level applications. Notably flexible, the PTL-400 utilises a double outer conductor with aluminium tape and tinned copper braiding, offering superior RF shielding of over 90 dB. Its durable PE jacket ensures a service life exceeding 20 years.

This 20-metre cable, weighing 2050 grams, is engineered to handle over 500 mating cycles, ensuring longevity and reliability. It operates within a frequency range from 0 to 6 GHz and meets ISO 9001 and RoHS compliance standards, ensuring high quality and environmental safety.

The 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...

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# RF Specification

Start Frequency: 0 GHz Stop Frequency: 6 GHz

## Physical Specification

Subtype:	Feeder Cable	Length:	20 m
Mating Cycles:	> 500	Weight:	2050 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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