

# PTL-400 Coaxial Cable N Male to SMA Male 10m

SKU: ACC-PT-00339

MPN: CA-P400-N1SA1.10

Barcode: 9337692002120

## Description

The PTL-400 Coaxial Cable N Male to SMA Male 10m (SKU: ACC-PT-00339) is a high-performance RF cable from Powertec, designed for reliable wireless communication applications. This flexible, low-loss L-400 class cable features a 10.29 mm outer diameter and supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level systems.

Constructed with a 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 of over 20 years, capable of withstanding more than 500 mating cycles. The cable is 10 metres long, with a weight of 1050 grams, providing a robust and flexible solution for various installations.

Connectivity is facilitated through N Male and SMA Male connectors, both featuring a straight body and free-hanging mounting style. Compliance with ISO 9001 Quality Management and RoHS standards underscores its...

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## Powertec

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# RF Specification

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

Subtype:	Feeder Cable	Length:	10 m
Mating Cycles:	> 500	Weight:	1050 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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