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# 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
Mating Cycles
> 500
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Length
5 m
Weight
550 g

RF Connectors

| RF Interface | Body Shape | Mounting |
|---|---|---|
| N Male | Straight | Free Hanging |
| SMA Male | Straight | Free Hanging |

## PTL-400

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
25.4 mm
Min. Bend Radius Dynamic
101.6 mm
Max. Frequency
6 GHz
Shielding Effectiveness
> 90 dB
Colour
Black
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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