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# 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

## Physical Specification

Subtype
Feeder Cable
Mating Cycles
> 500
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Length
15 m
Weight
1550 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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