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Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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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Powertec

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

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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