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PTL-400 Coaxial Cable N Male to N Male 30m

SKU
ACC-PT-00183
MPN
CA-P400-N1N1.30
Barcode
9337692002052

Description

The PTL-400 Coaxial Cable N Male to N Male 30m (SKU: ACC-PT-00183) by Powertec, identified as CA-P400-N1N1.30, is an L-400 class low-loss coaxial cable designed for wireless communication systems. With a 10.29 mm outer diameter, this cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications.

Featuring a flexible design, the PTL-400 utilises a double outer conductor made of aluminium tape and tinned copper braiding, delivering over 90 dB RF shielding. The durable PE jacket ensures a service life exceeding 20 years. The cable measures 30 metres and weighs 3.05 kg, capable of enduring over 500 mating cycles, ensuring long-term reliability.

The cable's operating frequency range is from 0 to 6 GHz. It comes with N Male connectors on both ends, each featuring a straight body shape and free-hanging mounting style. Compliance with ISO 9001 and RoHS standards underscores its quality and environmental...

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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

30 m

Weight

3050 g

RF Connectors

RF Interface Body Shape Mounting

[N Male](#) [Straight](#) [Free Hanging](#)

[N 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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