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PTL-400 Coaxial Cable N Male to N Male 40m

SKU
ACC-PT-00168
MPN
CA-P400-N1N1.40
Barcode
9337692002069

Description

The PTL-400 Coaxial Cable, N Male to N Male 40m (SKU: ACC-PT-00168), is a premium RF cable developed by Powertec, part number CA-P400-N1N1.40. This L-400 class, low-loss cable features a 10.29 mm diameter and supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level wireless communication systems. Its flexible design includes a double outer conductor of aluminium tape and tinned copper braiding, ensuring exceptional RF shielding over 90 dB. The durable PE jacket extends the service life beyond 20 years.

Weighing 4050 g, the cable is designed for durability withstanding over 500 mating cycles. It operates within a frequency range of 0 GHz to 6 GHz. The assembly is ISO 9001 and RoHS certified, underscoring its quality and compliance. The cable is equipped with N Male connectors on both ends, featuring a straight body shape and free-hanging mounting style, ensuring reliable connectivity.

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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

40 m

Weight

4050 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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