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PTL-400 Coaxial Cable N Male to N Male 5m

SKU
ACC-PT-00074
MPN
CA-P400-N1N1.5
Barcode
9337692002007

Description

The PTL-400 Coaxial Cable N Male to N Male 5m, model number CA-P400-N1N1.5, is a high-performance RF cable developed by Powertec. This PTL-400 series cable, with a 10.29 mm outer diameter, is an L-400 class low loss coaxial cable designed for wireless communication systems operating up to 6 GHz. Its flexible double outer conductor, composed of aluminium tape and tinned copper braiding, ensures exceptional RF shielding exceeding 90 dB. The cable features a durable PE jacket, offering a service life exceeding 20 years, and is designed to withstand over 500 mating cycles.

The 5-metre cable comes with N Male connectors on both ends, each with a straight body and free-hanging mounting style, making it suitable for a variety of applications. Weighing 550 grams, it is easy to handle and install. The cable is ISO 9001 and RoHS certified, ensuring high-quality standards and compliance with environmental regulations.

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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
5 m
Weight
550 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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