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PTL-400 Coaxial Cable N Male to N Male 50m

SKU
ACC-PT-00169
MPN
CA-P400-N1N1.50
Barcode
9337692002076

Description

The PTL-400 Coaxial Cable, model ACC-PT-00169, by Powertec, is a high-performance RF cable designed for wireless communication systems. With a 10.29 mm outer diameter, this L-400 class cable supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level applications. The cable features a double outer conductor—aluminium tape and tinned copper braiding—that provides over 90 dB of RF shielding, ensuring excellent signal integrity. Encased in a durable PE jacket, it promises a service life exceeding 20 years.

This 50 m cable, weighing 5050 g, is equipped with N Male connectors on both ends, offering a straight body shape and free-hanging mounting style. Designed to withstand over 500 mating cycles, it ensures long-term reliability in demanding environments. The PTL-400 is compliant with ISO 9001 Quality Management and RoHS standards, reflecting its commitment to quality and environmental responsibility.

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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
50 m
Weight
5050 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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