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PTL-400 Coaxial Cable N Male to N Male 10m

SKU
ACC-PT-00068
MPN
CA-P400-N1N1.10
Barcode
9337692002014

Description

The Powertec PTL-400 Coaxial Cable N Male to N Male 10m (SKU: ACC-PT-00068) is a high-performance RF cable ideal for wireless communication systems. Featuring a PTL-400 series design, this low-loss coaxial cable supports frequencies up to 6 GHz, making it suitable for a range of applications from entry-level to intermediate systems. With a 10.29 mm outer diameter, the cable is flexible, utilising a double-layered outer conductor of aluminium tape and tinned copper braiding, delivering exceptional RF shielding exceeding 90 dB.

The cable is encased in a durable PE jacket, ensuring a service life of over 20 years. It withstands over 500 mating cycles, offering reliable long-term performance. Both ends of the 10m cable are equipped with N Male connectors featuring a straight body and free-hanging mounting style, ensuring secure connections.

Weighing 1050 grams, the PTL-400 cable meets ISO 9001 Quality Management and RoHS certifications...

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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
10 m
Weight
1050 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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