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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 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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