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PTL-400 Coaxial Cable N Male to N Male 20m

SKU
ACC-PT-00071
MPN
CA-P400-N1N1.20
Barcode
9337692002038

Description

The PTL-400 Coaxial Cable N Male to N Male 20m (SKU: ACC-PT-00071) by Powertec is a high-performance RF cable, ideal for wireless communication systems. Designed as part of the L-400 class, this low-loss coaxial cable features a 10.29 mm outer diameter and supports frequencies up to 6 GHz, making it suitable for entry to intermediate-level applications. Its flexible design utilises a double outer conductor, combining aluminium tape and tinned copper braiding, delivering exceptional RF shielding exceeding 90 dB. The durable PE jacket ensures a service life of over 20 years.

This 20 m cable weighs 2050 grams and is engineered to endure over 500 mating cycles. It operates efficiently across a frequency range from 0 to 6 GHz. Both ends of the cable are equipped with N Male connectors, featuring a straight body shape and free-hanging mounting style, ensuring reliable connectivity.

Compliant with ISO 9001 Quality Management and RoHS standards...

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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
20 m
Weight
2050 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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