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

SKU
ACC-PT-00339
MPN
CA-P400-N1SA1.10
Barcode
9337692002120

Description

The PTL-400 Coaxial Cable N Male to SMA Male 10m (SKU: ACC-PT-00339) is a high-performance RF cable from Powertec, designed for reliable wireless communication applications. This flexible, low-loss L-400 class cable features a 10.29 mm outer diameter and supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level systems.

Constructed with a double outer conductor of aluminium tape and tinned copper braiding, the PTL-400 offers exceptional RF shielding exceeding 90 dB. Its durable PE jacket ensures a service life of over 20 years, capable of withstanding more than 500 mating cycles. The cable is 10 metres long, with a weight of 1050 grams, providing a robust and flexible solution for various installations.

Connectivity is facilitated through N Male and SMA Male connectors, both featuring a straight body and free-hanging mounting style. Compliance with ISO 9001 Quality Management and RoHS standards underscores its...

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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
SMA 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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