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PTL-400 Coaxial Cable N Male to SMA Male 25m

SKU
ACC-PT-00342
MPN
CA-P400-N1SA1.25
Barcode
9337692002151

Description

The PTL-400 Coaxial Cable, N Male to SMA Male, 25m (SKU: ACC-PT-00342) from Powertec is designed for reliable wireless communication systems. With a part number CA-P400-N1SA1.25, this cable features a 10.29 mm outer diameter, part of the L-400 class low loss coaxial cables. It supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level wireless applications.

Constructed with a double outer conductor of aluminium tape and tinned copper braiding, the PTL-400 ensures exceptional RF shielding exceeding 90 dB. Its durable PE jacket promises a service life of over 20 years and withstands more than 500 mating cycles, making it a robust choice for long-term use.

The cable is 25 m long and weighs 2550 grams. It includes an N Male connector on one end and an SMA Male connector on the other, both with a straight body shape and free-hanging mounting style. This product complies with ISO 9001 Quality Management and RoHS...

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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
25 m
Weight
2550 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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