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PTL-400 Coaxial Cable N Male to SMA Male 30m

SKU
ACC-PT-00343
MPN
CA-P400-N1SA1.30
Barcode
9337692002168

Description

The PTL-400 Coaxial Cable N Male to SMA Male 30m (SKU: ACC-PT-00343) by Powertec is a high-performance RF cable designed for wireless communication systems. This PTL-400 series cable is an L-400 class low loss coaxial with a 10.29 mm outer diameter, capable of supporting frequencies up to 6 GHz. Its flexible design features a double outer conductor made of aluminium tape and tinned copper braiding, providing exceptional RF shielding exceeding 90 dB. The PE jacket ensures a durable service life of over 20 years.

This 30-metre cable weighs 3050 grams and is built to withstand over 500 mating cycles. It operates within a frequency range of 0 GHz to 6 GHz, making it suitable for various wireless applications. The cable is compliant with ISO 9001 Quality Management and RoHS certifications, ensuring high standards of quality and environmental responsibility.

The cable is equipped with an N Male connector on one end and an SMA Male connector on...

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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
30 m
Weight
3050 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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