Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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

SKU
ACC-PT-00183
MPN
CA-P400-N1N1.30
Barcode
9337692002052

Description

The PTL-400 Coaxial Cable N Male to N Male 30m (SKU: ACC-PT-00183) by Powertec, identified as CA-P400-N1N1.30, is an L-400 class low-loss coaxial cable designed for wireless communication systems. With a 10.29 mm outer diameter, this cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications.

Featuring a flexible design, the PTL-400 utilises a double outer conductor made of aluminium tape and tinned copper braiding, delivering over 90 dB RF shielding. The durable PE jacket ensures a service life exceeding 20 years. The cable measures 30 metres and weighs 3.05 kg, capable of enduring over 500 mating cycles, ensuring long-term reliability.

The cable's operating frequency range is from 0 to 6 GHz. It comes with N Male connectors on both ends, each featuring a straight body shape and free-hanging mounting style. Compliance with ISO 9001 and RoHS standards underscores its quality and environmental...

Read More



Powertec

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
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)

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE

INFORMATION.

