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 4.3-10 Male to SMA Male 25m

SKU
IBC-PT-00015
MPN
CA-P400-431SA1.25
Barcode
9337692002298

Description

The PTL-400 Coaxial Cable 4.3-10 Male to SMA Male, 25m (SKU: IBC-PT-00015) is a high-performance RF cable crafted by Powertec, a leading Australian wireless technology provider. This cable, with part number CA-P400-431SA1.25, belongs to the PTL-400 series, renowned for its low loss and flexibility.

Featuring a 10.29 mm outer diameter, the PTL-400 cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate wireless communication systems. It combines a double outer conductor of aluminium tape and tinned copper braiding, offering superior RF shielding exceeding 90 dB. The durable PE jacket ensures a service life of over 20 years.

Measuring 25 m and weighing 2550 g, this cable is robust and flexible, designed to endure more than 500 mating cycles. It operates within a frequency range of 0 GHz to 6 GHz and meets ISO 9001 and RoHS compliance standards. The cable is equipped with a 4.3-10 Male connector on one end and an...

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
25 m
Weight
2550 g

RF Connectors

RF Interface	Body Shape	Mounting
4.3-10 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)

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.

