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PTL-400 Coaxial Cable 4.3-10 Male to SMA Male 15m

SKU
IBC-PT-00013
MPN
CA-P400-431SA1.15
Barcode
9337692002274

Description

The PTL-400 Coaxial Cable, featuring a 4.3-10 Male to SMA Male connection and measuring 15m, is a premium RF cable from Powertec, part number CA-P400-431SA1.15. Designed for wireless communication systems, it supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level applications.

Constructed from PTL-400 L-400 class low loss coaxial material, this cable boasts a 10.29 mm outer diameter and a flexible design due to its double outer conductor of aluminium tape and tinned copper braiding. This configuration provides outstanding RF shielding exceeding 90 dB and is encased in a durable PE jacket, ensuring a service life of over 20 years and resistance to more than 500 mating cycles.

The cable ends are equipped with a 4.3-10 Male connector and an SMA Male connector, both featuring a straight body and free-hanging mounting style. Weighing 1550 grams, this assembly 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
15 m
Weight
1550 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)

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