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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...

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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	Length:	25 m
Mating Cycles:	> 500	Weight:	2550 g
Compliance/Certifications:	ISO 9001 Quality Management , RoHS		

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	Max. Frequency:	6 GHz
Impedance:	50 Ω	Shielding Effectiveness:	> 90 dB
Min. Bend Radius Static:	25.4 mm	Colour:	Black
Min. Bend Radius Dynamic:	101.6 mm	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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