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PTL-400 Coaxial Cable 4.3-10 Male to 4.3-10 Male 30m

SKU: IBC-PT-00008

MPN: CA-P400-431431.30 Barcode: 9337692002229

Description

The PTL-400 Coaxial Cable from Powertec, model CA-P400-431431.30, is a high-performance RF cable designed for wireless communication systems. With a 10.29 mm outer diameter, this L-400 class low loss cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications. Its robust construction features a flexible double shielded outer conductor, incorporating both aluminium tape and tinned copper braiding, providing exceptional RF shielding of over 90 dB. The cable is encased in a durable PE jacket, ensuring a service life exceeding 20 years.

Measuring 30 metres and weighing 3050 grams, the PTL-400 is built to endure over 500 mating cycles, guaranteeing reliability in demanding environments. It is equipped with 4.3-10 Male connectors on both ends, each with a straight body and free-hanging mounting style, ensuring secure and stable connections.

In terms of compliance, the cable meets ISO 9001 Quality...

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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:	30 m
Mating Cycles:	> 500	Weight:	3050 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS	,		

RF Connectors

RF Interface	Body Shape	Mounting
4.3-10 Male	Straight	Free Hanging
4.3-10 Male	Straight	Free Hanging

PTL-400

Min. Frequency:	0 GHz	Max. Frequency:	6 GHz
Impedance:	50	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

Inner Conductor 2	.74 mm	Copper Clad Aluminium (CCA)
		(20.7)
Dielectric 7	.24 mm	Foamed Polyethylene (EPE)
Outer Conductor 7	.39 mm	Aluminium Foil (Bonded)
Outer Conductor 8	3.13 mm	Tinned Copper Braid (TC), Tinned Copper Clad AIMg
Outer Jacket 10	0.29 mm	Polyethylene (PE)

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