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PTL-400 Coaxial Cable N Male to SMA Male 15m

SKU: ACC-PT-00340

MPN: CA-P400-N1SA1.15 Barcode: 9337692002137

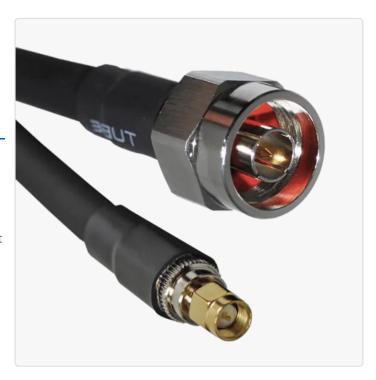
Description

The PTL-400 Coaxial Cable (SKU: ACC-PT-00340) by Powertec is a high-performance RF cable designed for entry to intermediate-level wireless communication systems. With a length of 15 metres and a weight of 1550 grams, this cable is part of the PTL-400 series, known for its low-loss characteristics and durability. It features a 10.29 mm outer diameter and can support frequencies up to 6 GHz, making it ideal for a wide range of applications.

The PTL-400 is a flexible cable with a robust double outer conductor made of aluminium tape and tinned copper braiding, delivering exceptional RF shielding exceeding 90 dB. Its PE jacket ensures a service life of over 20 years, and the cable is designed to withstand more than 500 mating cycles. It operates effectively across a frequency range of 0 to 6 GHz.

This cable is equipped with an N Male connector on one end and an SMA Male connector on the other, both featuring a straight body shape and free...

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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:	15 m
Mating Cycles:	> 500	Weight:	1550 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS	ı		

RF Connectors

RF Interface	Body Shape	Mounting
N Male	Straight	Free Hanging
SMA 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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