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PTL-400 Coaxial Cable N Male to SMA Male 20m

SKU: ACC-PT-00341

MPN: CA-P400-N1SA1.20 Barcode: 9337692002144

Description

The PTL-400 Coaxial Cable (SKU: ACC-PT-00341) by Powertec is a high-quality RF feeder cable designed for wireless communication systems. With an L-400 class designation, this cable features a diameter of 10.29 mm and supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level applications. Notably flexible, the PTL-400 utilises a double outer conductor with aluminium tape and tinned copper braiding, offering superior RF shielding of over 90 dB. Its durable PE jacket ensures a service life exceeding 20 years.

This 20-metre cable, weighing 2050 grams, is engineered to handle over 500 mating cycles, ensuring longevity and reliability. It operates within a frequency range from 0 to 6 GHz and meets ISO 9001 and RoHS compliance standards, ensuring high quality and environmental safety.

The 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...

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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
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Physical Specification

Subtype:	Feeder Cable	Length:	20 m
Mating Cycles:	> 500	Weight:	2050 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS	,		

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)
		(00.7)
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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