

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

SKU: ACC-PT-00071

MPN: CA-P400-N1N1.20

Barcode: 9337692002038

Description

The PTL-400 Coaxial Cable N Male to N Male 20m (SKU: ACC-PT-00071) by Powertec is a high-performance RF cable, ideal for wireless communication systems. Designed as part of the L-400 class, this low-loss coaxial cable features a 10.29 mm outer diameter and supports frequencies up to 6 GHz, making it suitable for entry to intermediate-level applications. Its flexible design utilises a double outer conductor, combining aluminium tape and tinned copper braiding, delivering exceptional RF shielding exceeding 90 dB. The durable PE jacket ensures a service life of over 20 years.

This 20 m cable weighs 2050 grams and is engineered to endure over 500 mating cycles. It operates efficiently across a frequency range from 0 to 6 GHz. Both ends of the cable are equipped with N Male connectors, featuring a straight body shape and free-hanging mounting style, ensuring reliable connectivity.

Compliant with ISO 9001 Quality Management and RoHS standards...

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RF Specification

Start Frequency: 0 GHz Stop Frequency: 6 GHz

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
N 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

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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