

# PTL-400 Coaxial Cable N Male to SMA Male 25m

SKU: ACC-PT-00342

MPN: CA-P400-N1SA1.25

Barcode: 9337692002151

## Description

The PTL-400 Coaxial Cable, N Male to SMA Male, 25m (SKU: ACC-PT-00342) from Powertec is designed for reliable wireless communication systems. With a part number CA-P400-N1SA1.25, this cable features a 10.29 mm outer diameter, part of the L-400 class low loss coaxial cables. It supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level wireless applications.

Constructed with a double outer conductor of aluminium tape and tinned copper braiding, the PTL-400 ensures exceptional RF shielding exceeding 90 dB. Its durable PE jacket promises a service life of over 20 years and withstands more than 500 mating cycles, making it a robust choice for long-term use.

The cable is 25 m long and weighs 2550 grams. It includes an N Male connector on one end and an SMA Male connector on the other, both with a straight body shape and free-hanging mounting style. This product complies with ISO 9001 Quality Management and RoHS...

[Read More](#)



# 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
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

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)

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

