

# L-195 Patch Cable, N Female to QMA Male Right Angle, 40cm

SKU: ACC-PT-00191

MPN: CA-P195-N1QA1RA.040

Barcode: 9337692000928

## Description

The L-195 Patch Cable (SKU: ACC-PT-00191) from Powertec, part number CA-P195-N1QA1RA.040, is a high-performance RF coaxial cable designed for versatility and reliability. Measuring 40 cm and weighing 62 grams, this cable features a low-loss PTL-195 design with a 4.95 mm outer diameter, making it an optimal upgrade from the RG-58. It supports frequencies up to 6 GHz, suitable for HF/UHF/VHF and short-length high-frequency applications like 4G networks.

The cable is fitted with an N Female connector on one end and a QMA Male Right Angle connector on the other, both with a free hanging mounting style. It is engineered to endure over 500 mating cycles, ensuring long-term durability. The VSWR performance is impressive, with values of  $\leq 1.3:1$  at 3000 MHz,  $\leq 1.6:1$  at 5000 MHz, and  $\leq 1.8:1$  at 6000 MHz, highlighting its efficiency and reliability across its frequency range.

Complying with ISO 9001 and RoHS certifications, this cable meets...

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# RF Specification

Start Frequency:	0 GHz	Stop Frequency:	6 GHz
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VSWR Measurement	
Frequency	VSWR
3000 MHz	≤ 1.3:1
5000 MHz	≤ 1.6:1
6000 MHz	≤ 1.8:1

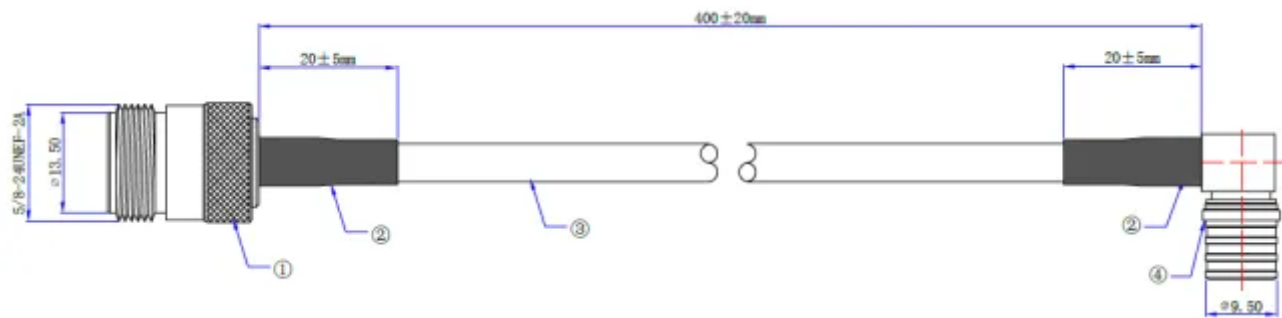
# Physical Specification

Subtype:	Patch Cable	Length:	0.4 m
Mating Cycles:	> 500	Weight:	62 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

# RF Connectors

RF Interface	Body Shape	Mounting
N Female	Straight	Free Hanging
QMA Male	Right Angle	Free Hanging

# Drawing



## PTL-195

Min. Frequency:	0 GHz	Max. Frequency:	6 GHz
Impedance:	50	Shielding Effectiveness:	> 90 dB
Min. Bend Radius Static:	12.7 mm	Colour:	Black
Min. Bend Radius Dynamic:	50.8 mm	Weight (g/m):	30 g

## Cable Layers

Layer	Diameter	Materials
Inner Conductor	0.94 mm	Solid Copper
Dielectric	2.97 mm	Foamed Polyethylene (EPE)
Outer Conductor	2.95 mm	Aluminium Foil (Bonded)
Outer Conductor	3.53 mm	Tinned Copper Braid (TC)
Outer Jacket	4.95 mm	Polyethylene (PE)

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