

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

| | | | |
|---|--|------------------------|--------------|
| <p>Start Frequency: </p> <p>VSWR Measurement</p> | <p>Powertec 0 GHz</p> <p>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 ...</p> | <p>Stop Frequency:</p> | <p>6 GHz</p> |
|---|--|------------------------|--------------|

| Frequency | VSWR |
|-----------|---------|
| 3000 MHz | ≤ 1.3:1 |
| 5000 MHz | ≤ 1.6:1 |
| 6000 MHz | ≤ 1.8:1 |

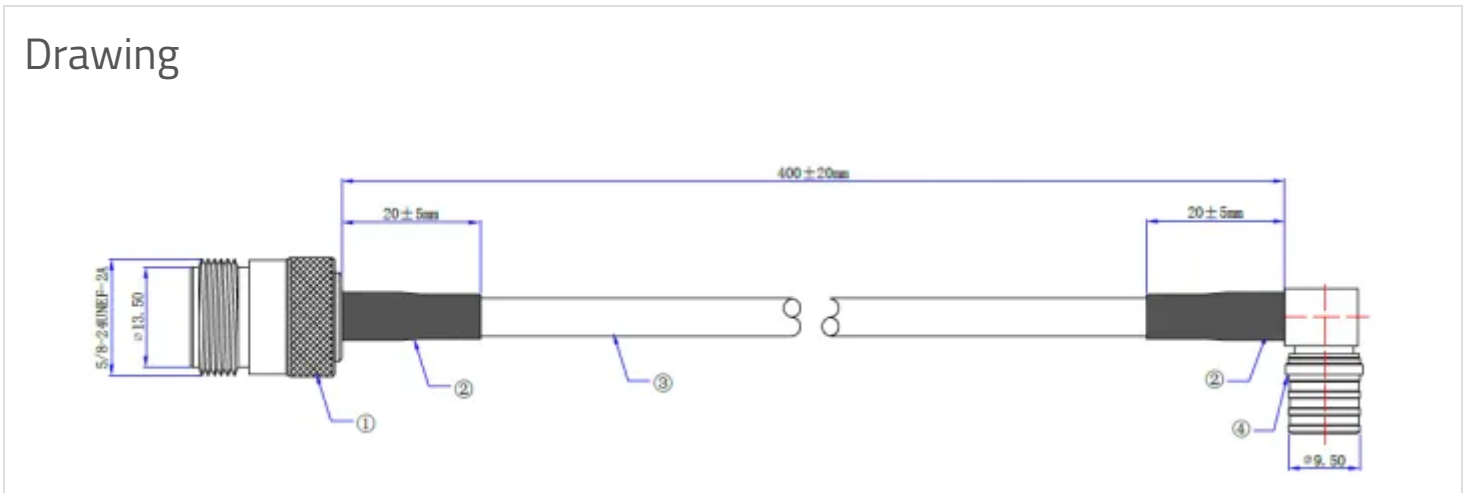
Physical Specification

| | | | |
|----------------------------|-----------------------------|---------|-------|
| 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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