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L-195 Patch Cable SMA Male to SMA Female 2m

SKU
ACC-PT-00174
MPN
CA-L19-SA2SA1.2
Barcode
9337692002878

Description

The L-195 Patch Cable (2m) by Powertec, part number CA-L19-SA2SA1.2, is a high-performance coaxial cable designed for RF applications, featuring SMA Male to SMA Female connectors. This cable is crafted with PTL-195 series low-loss coaxial material, boasting a compact 4.95 mm outer diameter. It offers superior performance compared to RG-58, supporting frequencies up to 6 GHz, making it ideal for HF/UHF/VHF and short-length higher frequency applications like 4G.

Weighing just 110 grams, the 2-metre cable is lightweight and flexible, ensuring easy installation. It is robust, withstanding over 500 mating cycles, and operates effectively within a frequency range of 0 to 6 GHz. The cable meets ISO 9001 Quality Management and RoHS certification standards, assuring compliance and quality.

The cable's RF performance is characterised by a VSWR of ≤ 1.3:1 at 3000 MHz, ≤ 1.6:1 at 5000 MHz, and ≤ 1.8:1 at 6000 MHz, ensuring minimal signal reflection...

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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
VSWR Measurement

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

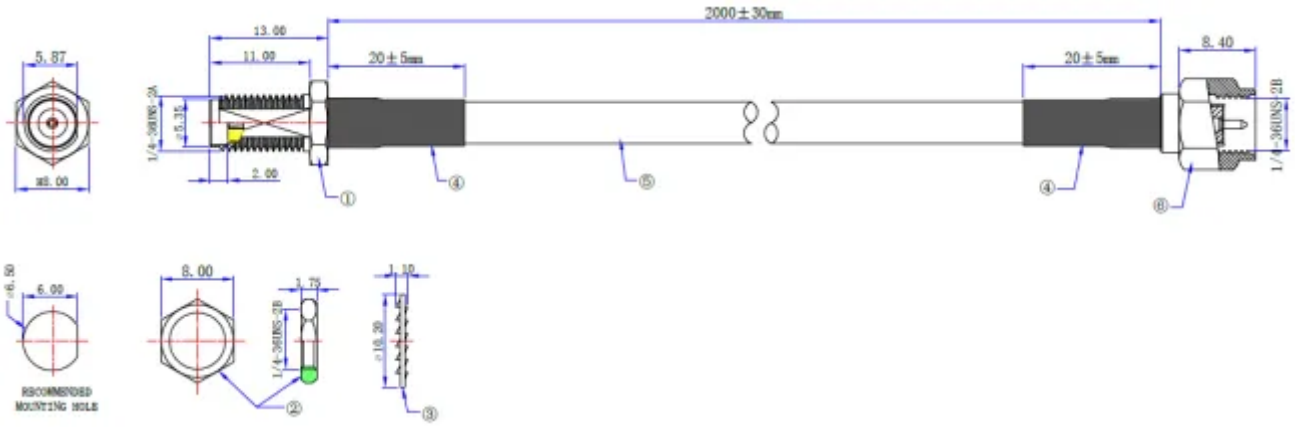
Physical Specification

Subtype
Patch Cable
Mating Cycles
> 500
Compliance/Certifications
ISO 9001 Quality Management

,
RoHS
Length
2 m
Weight
110 g
RF Connectors

RF Interface	Body Shape	Mounting
SMA Male	Straight	Free Hanging
SMA Female	Straight	Free Hanging

Drawing



PTL-195

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
12.7 mm
Min. Bend Radius Dynamic
50.8 mm
Max. Frequency
6 GHz
Shielding Effectiveness
> 90 dB
Colour
Black
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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