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## **PTL-195 Patch Cable, SMA Female to FME Male 15cm**

SKU  
ACC-PT-00149  
MPN  
CA-195-SA2F1.015

### **Description**

The PTL-195 Patch Cable (SKU: ACC-PT-00149) by Powertec is a high-performance RF coaxial cable designed for efficient signal transmission in various applications. This cable features an SMA Female to FME Male connection and is 15 cm long, weighing 55 grams. Constructed from PTL-195, an L-195 series low-loss coaxial cable with a 4.95 mm outer diameter, it offers superior performance compared to the RG-58 standard. It supports frequencies up to 6 GHz, making it ideal for HF, UHF, and VHF applications and suitable for short lengths in higher frequency uses, such as 4G.

The PTL-195 Patch Cable is engineered for flexibility, easy installation, and durability, enduring over 500 mating cycles. It operates effectively within a 0 GHz to 1 GHz frequency range. Compliance with ISO 9001 Quality Management and RoHS certifications ensures reliable quality and environmental responsibility.

Both connectors have a straight body shape and free-hanging...

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## Powertec

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

1 GHz

## Physical Specification

Subtype

[Patch Cable](#)

Mating Cycles

> 500

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Length

0.15 m

Weight

55 g

## RF Connectors

### RF Interface Body Shape Mounting

[SMA Female](#) [Straight](#) [Free Hanging](#)

[FME Male](#) [Straight](#) [Free Hanging](#)

### PTL-195

Min. Frequency

0 GHz

Impedance

50  $\Omega$

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	<a href="#">Solid Copper</a>
Dielectric	2.97 mm	<a href="#">Foamed Polyethylene (EPE)</a>
Outer Conductor	2.95 mm	<a href="#">Aluminium Foil (Bonded)</a>
Outer Conductor	3.53 mm	<a href="#">Tinned Copper Braid (TC)</a>
Outer Jacket	4.95 mm	<a href="#">Polyethylene (PE)</a>

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