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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 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 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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