

L-100 Patch Cable, SMA Female to SMA Male 18cm

SKU: ACC-PT-00327

MPN: CA-100-SA2SA1.018

Barcode: 9337692003011

Description

SMA Female to SMA Male patch cables are very short coaxial cables designed to sit between a larger feeder cable and the end device, providing flexibility and strain relief to prevent damage to the equipment.

The SMA Female is a rear-mount bulkhead connector which allows integration of the patch cable into an enclosure or mounting frame. This patch lead is 18 cm (180 mm) in length, and uses a high quality L-100 coaxial cable to permit operation on 5G FR1 and 5 GHz wireless through to 6 GHz.

Each cable is swept prior to leaving the manufacturing facility to ensure S-parameters meet minimum performance requirements.

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RF Specification

Start Frequency:

0 GHz

Stop Frequency:

6 GHz

Physical Specification

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 ...

Subtype:	Patch Cable	Length:	0.18 m
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Mating Cycles:	> 500	Weight:	53 g
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Compliance/Certifications:	ISO 9001 Quality Management
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RoHS

RF Connectors

RF Interface

SMA Female

SMA Male

Body Shape

Straight

Straight

Mounting

Free Hanging

Free Hanging

L-100

Min. Frequency:	0 GHz	Max. Frequency:	63 GHz
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Impedance:	50	Shielding Effectiveness:	> 90 dB
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Min. Bend Radius Static:	6.4 mm	Colour:	Black
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Min. Bend Radius Dynamic:	25.4 mm
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Attenuation @ 1 GHz:	0.78 dB/m
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Cable Layers

Layer	Diameter	Materials
Inner Conductor	0.46 mm	Solid Copper
Dielectric	1.52 mm	Polyethylene (PE)
Outer Conductor	1.65 mm	Aluminium Foil
Outer Conductor	2.11 mm	Tinned Copper Braid (TC)
Outer Jacket	2.79 mm	Polyethylene (PE)

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