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Powertec Wireless Technology
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0.81 mm Cable Assembly, MHF4 to SMA Female Bulkhead, 12cm

SKU
ACC-PT-00329
MPN
CA081-MH4SA2BRM.012
Barcode
9337692003608

Description

0.81 mm Mini-Coax cable assemblies are used inside electronics to interface a surface mount MHF4 RF connector located on a wireless chipset to an externally mounted connector typically mounted on the side of the user device.

This cable assembly is used to provide an external SMA Female connector from a device with a MHF4 connector mounted on its PCB. Typically this is to allow the connection of an external antenna or attachment of an antenna feeder cable that uses an SMA Male connector.

[Read More](#)

These cable assemblies are stocked locally and supplied individually packaged for use in electronics prototyping, as replacements, or critical spares. MHF4 connectors are generally found on M.2 chipsets.

[Read More](#)





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

6 GHz

VSWR Measurement

Frequency VSWR

3000 MHz $\leq 1.3:1$

6000 MHz $\leq 1.5:1$

Physical Specification

Subtype

[Patch Cable](#)

Mating Cycles

> 50

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

RoHS

Length
0.12 m

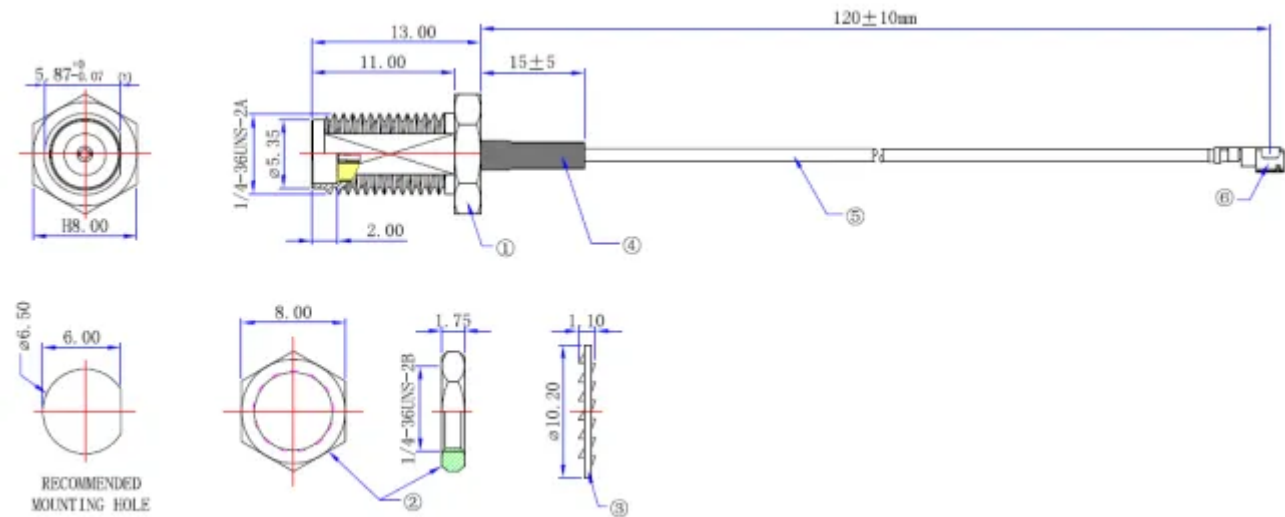
RF Connectors

RF Interface Body Shape Mounting

[MHF4 Female](#) [Right Angle](#) [Free Hanging](#)

[SMA Female](#) [Straight](#) [Bulkhead](#)

Drawing



0.81 mm Mini-Coax

Min. Frequency

0 GHz

Impedance

50 Ω

Min. Bend Radius Static

3 mm

Attenuation @ 1 GHz

2.65 dB/m

Max. Frequency

6 GHz

Colour

Black

Cable Layers

Layer	Diameter	Materials	Notes
Inner Conductor	0.15 mm	Silver Plated Copper (SC)	7x0.05 mm Strand

Layer	Diameter	Materials	Notes
Dielectric	0.40 mm	<u>Fluorinated Ethylene Propylene (FEP)</u>	
Outer Conductor	0.65 mm	<u>Silver Plated Copper Braid</u>	
Outer Jacket	0.81 mm	<u>Fluorinated Ethylene Propylene (FEP)</u>	

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