

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

SKU: ACC-PT-00329
 MPN: CA081-MH4SA2BRM.012
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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.

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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](#)



RF Specification

| | | | |
|---|----------|-----------------|---------|
| Start Frequency: | 0 GHz | Stop Frequency: | 6 GHz |
|  | | | |
| Frequency | 3000 MHz | VSWR | ≤ 1.3:1 |
| Frequency | 6000 MHz | VSWR | ≤ 1.5:1 |

Physical Specification

| | | | |
|----------------------------|-----------------------------|---------|--------|
| Subtype: | Patch Cable | Length: | 0.12 m |
| Mating Cycles: | > 50 | | |
| Compliance/Certifications: | ISO 9001 Quality Management | | |
| RoHS | | | |

RF Connectors

RF Interface

MHF4 Female

SMA Female

Body Shape

Right Angle

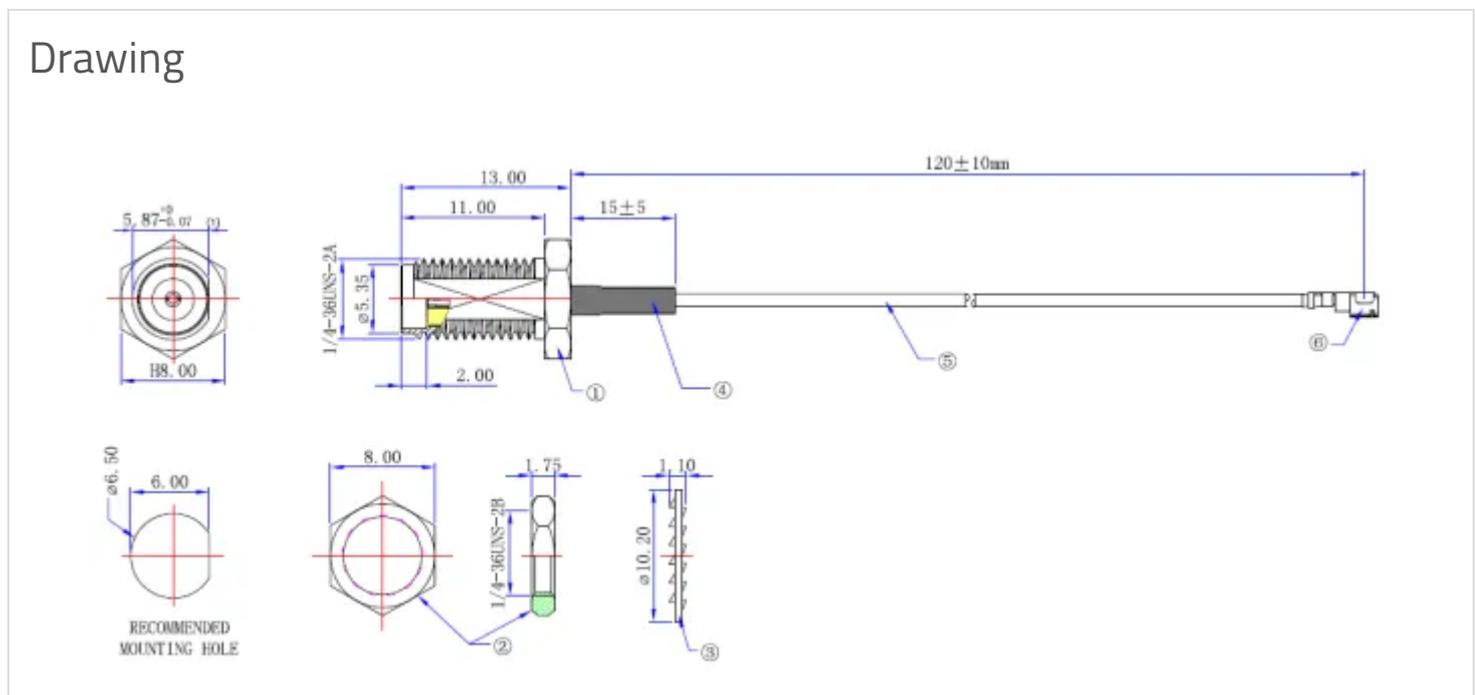
Straight

Mounting

Free Hanging

Bulkhead

Drawing



0.81 mm Mini-Coax

Min. Frequency: 0 GHz Max. Frequency: 6 GHz

Impedance: 50 Colour: Black

Min. Bend Radius Static: 3 mm

Attenuation @ 1 GHz: 2.65 dB/m

Cable Layers

| Layer | Diameter | Materials | Notes |
|-----------------|----------|--------------------------------------|------------------|
| Inner Conductor | 0.15 mm | Silver Plated Copper (SC) | 7x0.05 mm Strand |
| Dielectric | 0.40 mm | Fluorinated Ethylene Propylene (FEP) | |
| Outer Conductor | 0.65 mm | Silver Plated Copper Braid | |
| Outer Jacket | 0.81 mm | Fluorinated Ethylene Propylene (FEP) | |

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