

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

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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.

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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

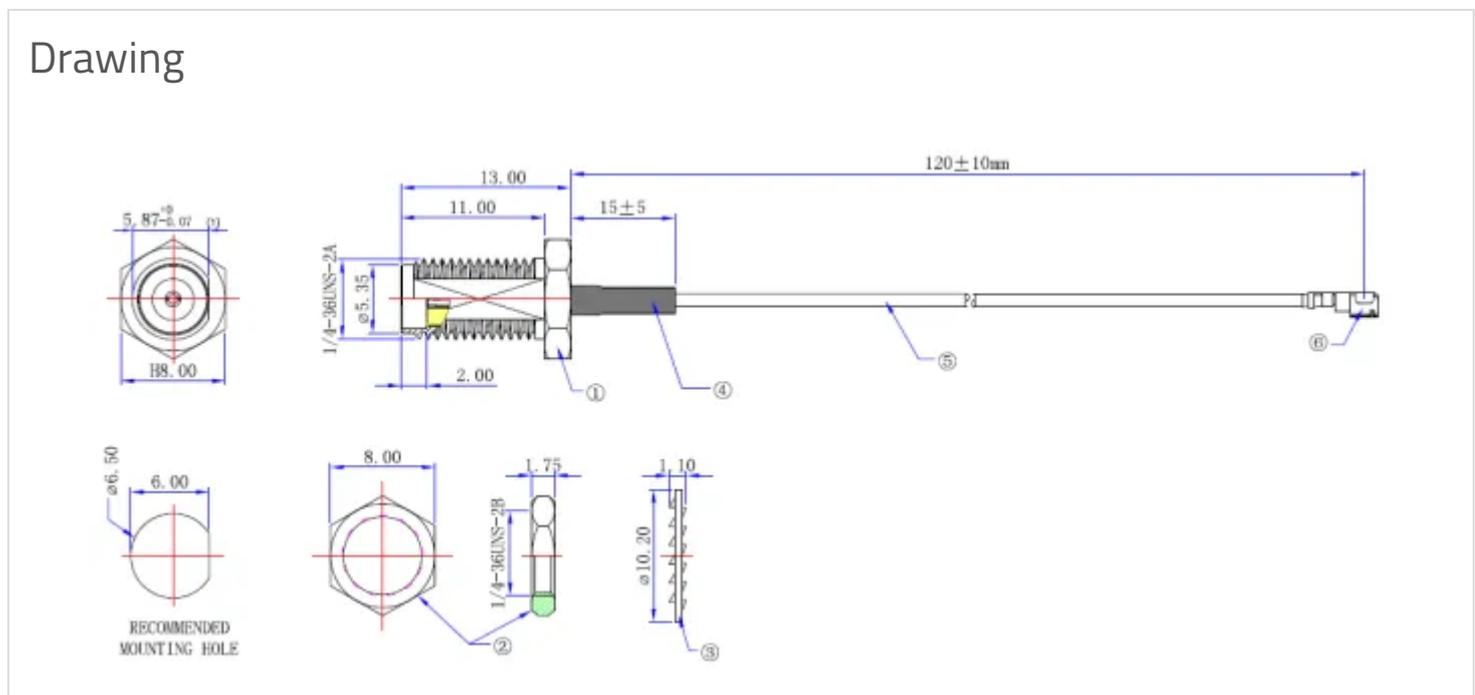
Straight

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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