MHF1 to MHF1 Micro Coax Cable Assembly

General information
MHF1 (U.FL, UMCC gen 2) to MHF1 (U.FL, UMCC gen 2) micro coaxial cable assembly.

Typical applications
High-frequency signal transmission in compact and complex electronic environments where miniaturized RF connections are essential. Commonly used in wireless and IoT devices, these cable assemblies facilitate antenna connections for Wi-Fi, Bluetooth, LTE, and 5G modules, as well as enable interoperability between different connector standards.

Electrical data	
1st Connector	U.FL (UMCC), IPEX MHF1 Plug, Right Angle
1st Contact gender	female
1st Connector mounting type	free hanging (In-Line), right angle
2nd Connector	U.FL (UMCC), IPEX MHF1 Plug, Right Angle
2nd Contact gender	female
2nd Connector mounting type	free hanging (In-Line), right angle
Cable impedance [Ohm]	50
Maximal frequency [GHz]	6

Mechanical data	
Length [mm] [1)]	250 +/- 3
Outer Diameter [mm]	0.81
Color [2)]	Black

Environmental data	
Operating temperature [ºC]	-40…+85
Storage temperature [ºC]	-40…+85
Ambient relative humidity [%]	0…85
RoHS / REACH compliant	yes / yes

Additional information
[1)] The cable length can be customized as per requirements.
[2)] White color option available upon request.

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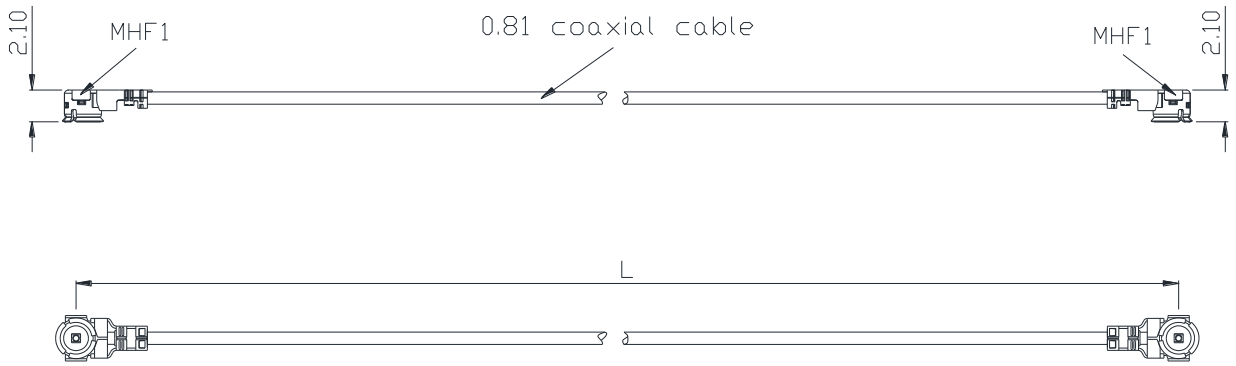
Drawings



L = 250 +/- 3
All dimensions are in mm

Cable attenuation per unit length

Frequency [GHz]	Attenuation [dB/m]
0.1	0.96
1	2.96
2	4.39
3	5.56
4	6.62
5	7.54
6	7.88

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