



WACC-MHF4-SMAF-100-113 Datasheet

Antenna Connector Cable (SMA Female, MHF4 IPEX Female)

Revision 1.2
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1. Overview

WACC-MHF4-SMAF-100-113 is an antenna connector cable with a SMA Female port on one end and a MHF4 IPEX (HSC compliant) Female port on the other end.

The length of this connector cable is 100 mm with diameter of 1.13 mm



Figure 1: WACC-MHF4-SMAF-100-113

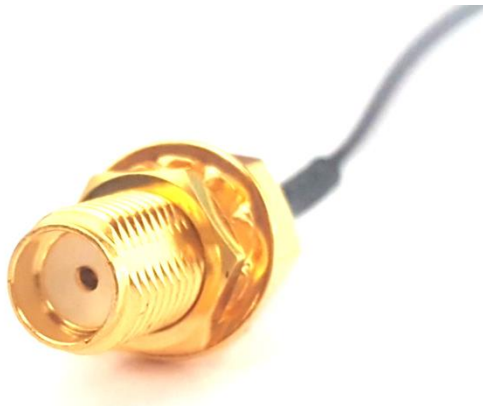


Figure 2: SMA Female Port



Figure 3: MHF4 IPEX Female Port

2. Specification

Antenna's Ports	:	SMA Plug (Female)
Connector Port	:	MHF4 IPEX (Female)
Cable Length	:	100 mm
Cable Diameter	:	1.13 mm
Operating Temperature	:	-40°C to +85°C

3. Performance Graphs

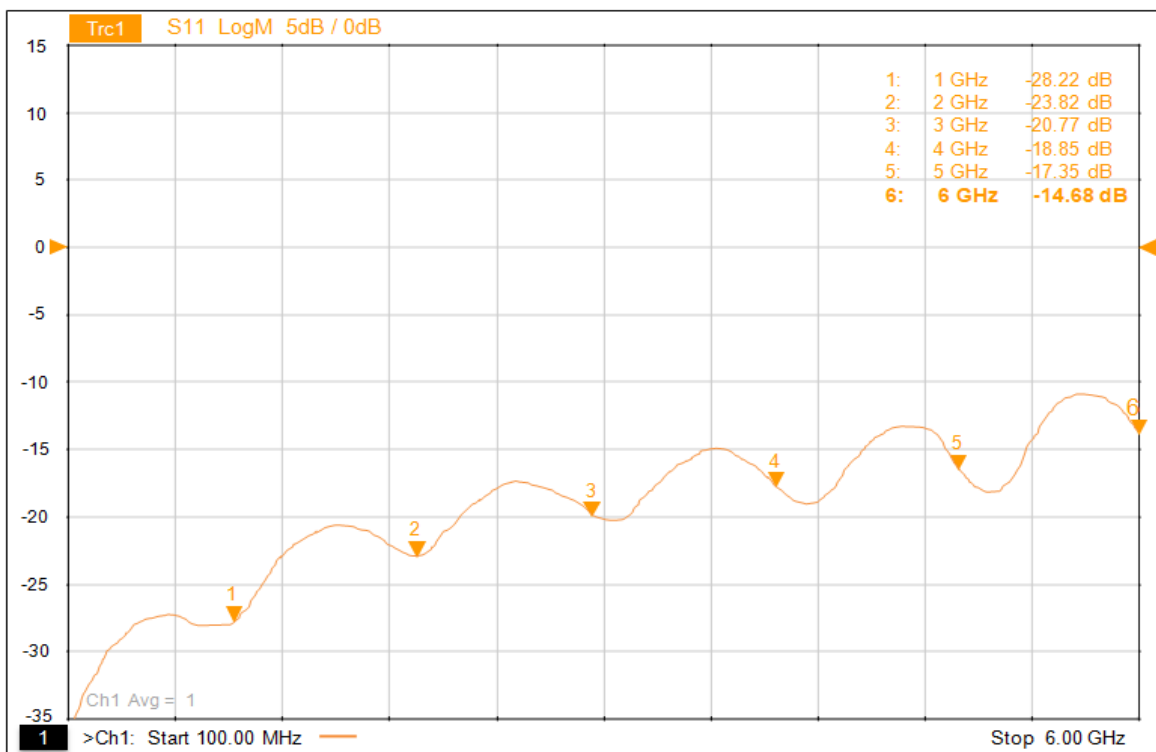


Figure 4: Reflection Coefficient vs Frequency

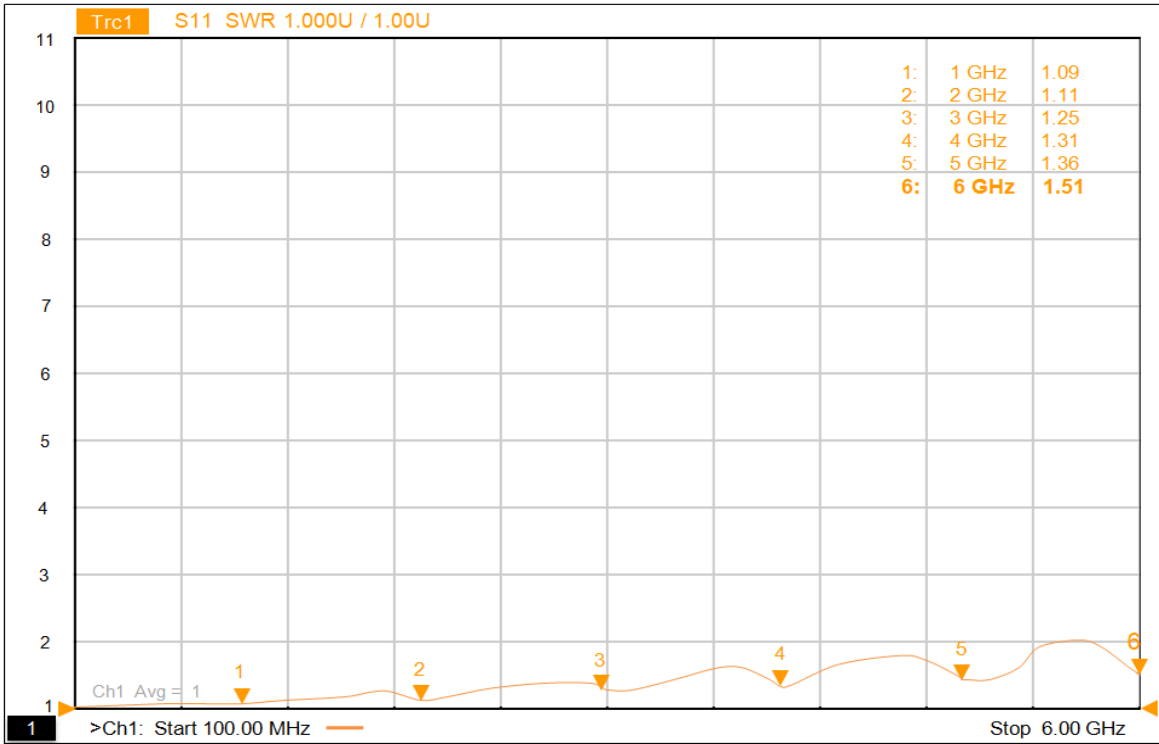


Figure 5: VSWR vs Frequency

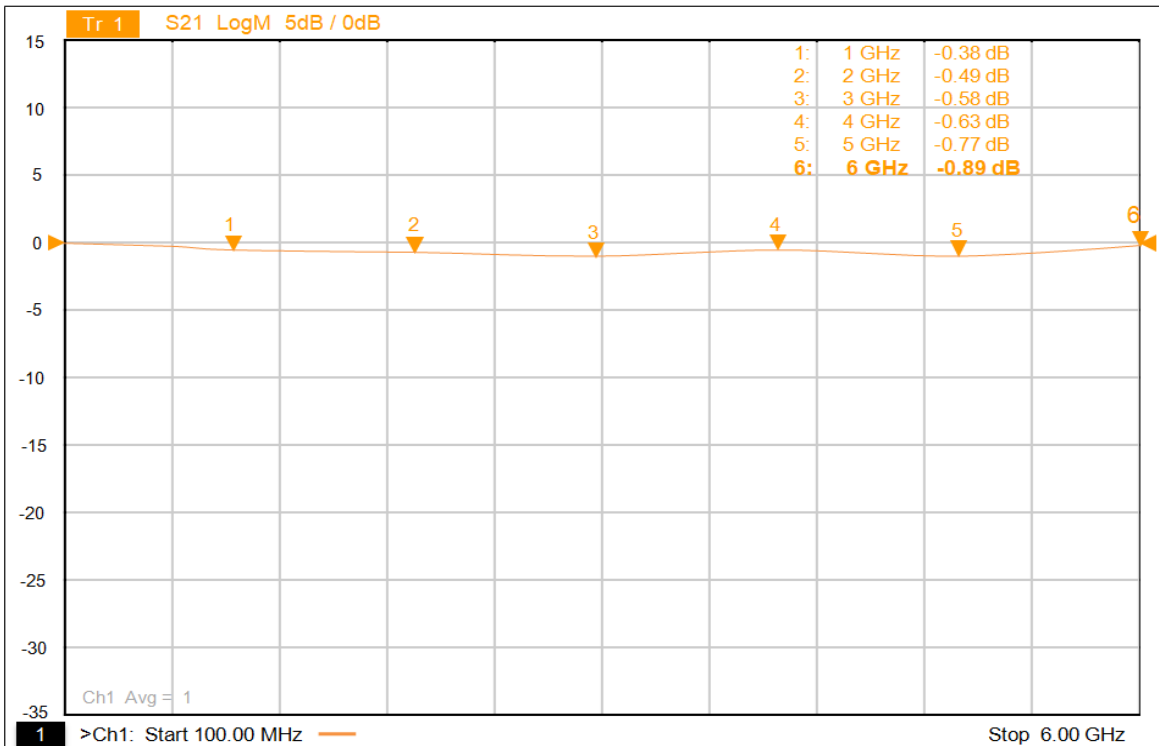


Figure 6: Insertion Loss vs Frequency

4. Mechanical Dimensions

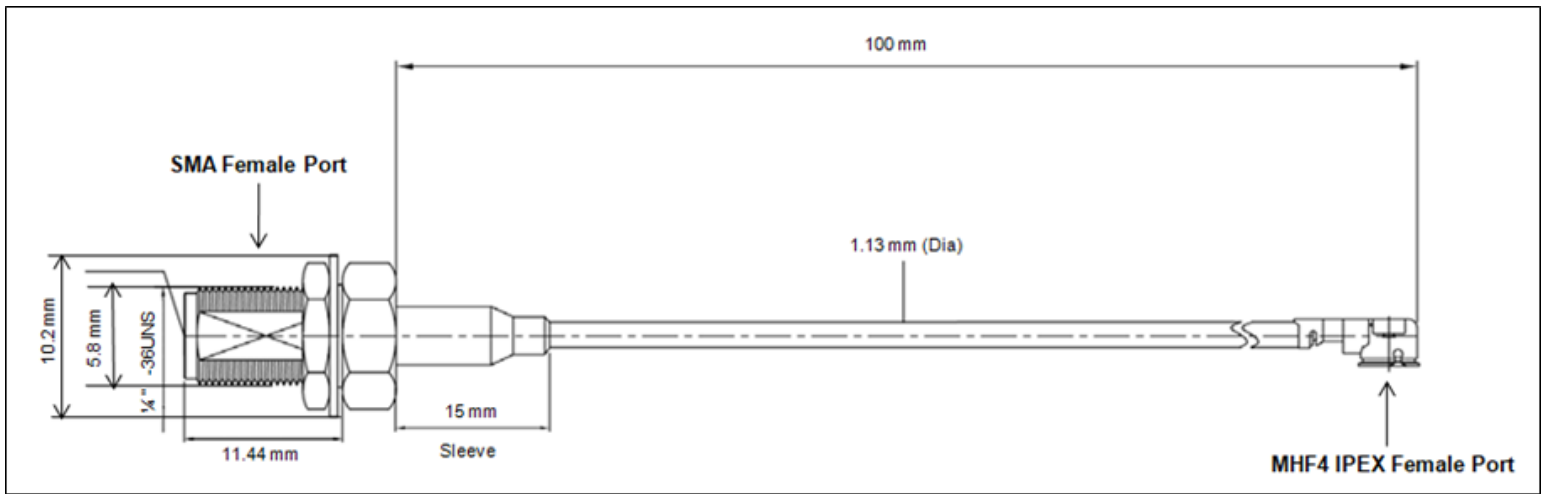


Figure 7: Connector Cable Drawing with Dimensions

5. Part Ordering

Part Order Number	Description
WASB-2400-20-SMAM	Dipole Antenna, Single-Band 2.4 GHz, SMA-Male Gain = 2 dBi (2.4 GHz)
WADB-2458-23-SMAM	Dipole Antenna, Dual-Band 2.4/5 GHz, SMA-Male Gain = 2 dBi (2.4 GHz) / 3 dBi (5 GHz)
WACC-MHF4-SMAF-100-113	Antenna Connector Cable, MHF4-Female, SMA-Female Length = 100 mm, Diameter = 1.13 mm

6. Revision History

Revision	Revision Date	Originator	Changes
1.0	07/12/2017	Wi2Wi	Initial version Datasheet
1.1	10/13/2017	Wi2Wi	Added graphs
1.2	08/17/2021	Wi2Wi	Added Spec Information

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