

MCX Female to SMA Female Adapter
RF Adapters Technical Data Sheet
X-050

Configuration

- MCX Female Connectr 1
- SMA Female Connectr 2
- 50 Ohms

Features

- Max VSWR of 1.20 : 1 up to 6 GHz
- MCX Interface compliant with IEC 61169-36
- SMA Interface compliant with MIL-C-39012

Applications

- General Purpose Test

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.20 : 1	

Mechanical Specifications
Size

Length	[mm]	19.0
Width	[mm]	9.0
Height	[mm]	8.0
Weight	[g]	3.5



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X-050

Weight

Description	Connector 1	Connector2
Type	MCX Female	SMA Female
Polarity	Standard	Standard
Interface Specification	IEC 61169-36	MIL-STD-348A MIL-C-39012
Mating Cycles	500	500
Hex Size	-	-
Mating Torque	-	-
Coupling Proof Torque, Min	-	-

Material Specifications

Description	Connector 1		Connector2	
	Material	Plating	Material	Plating
Type	MCX Female	-	SMA Female	-
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE	-	PTFE	-
Outer Conductor	Brass	Gold	Brass	Gold
Body	Brass	Gold	Brass	Gold
Gasket	Silicone	-	-	-
Coupling Nut	-	-	-	-

Environmental Specifications
Temperature

Operating Range -60 to +165 deg C

Compliance Certifications

- RoHS Compliant Yes

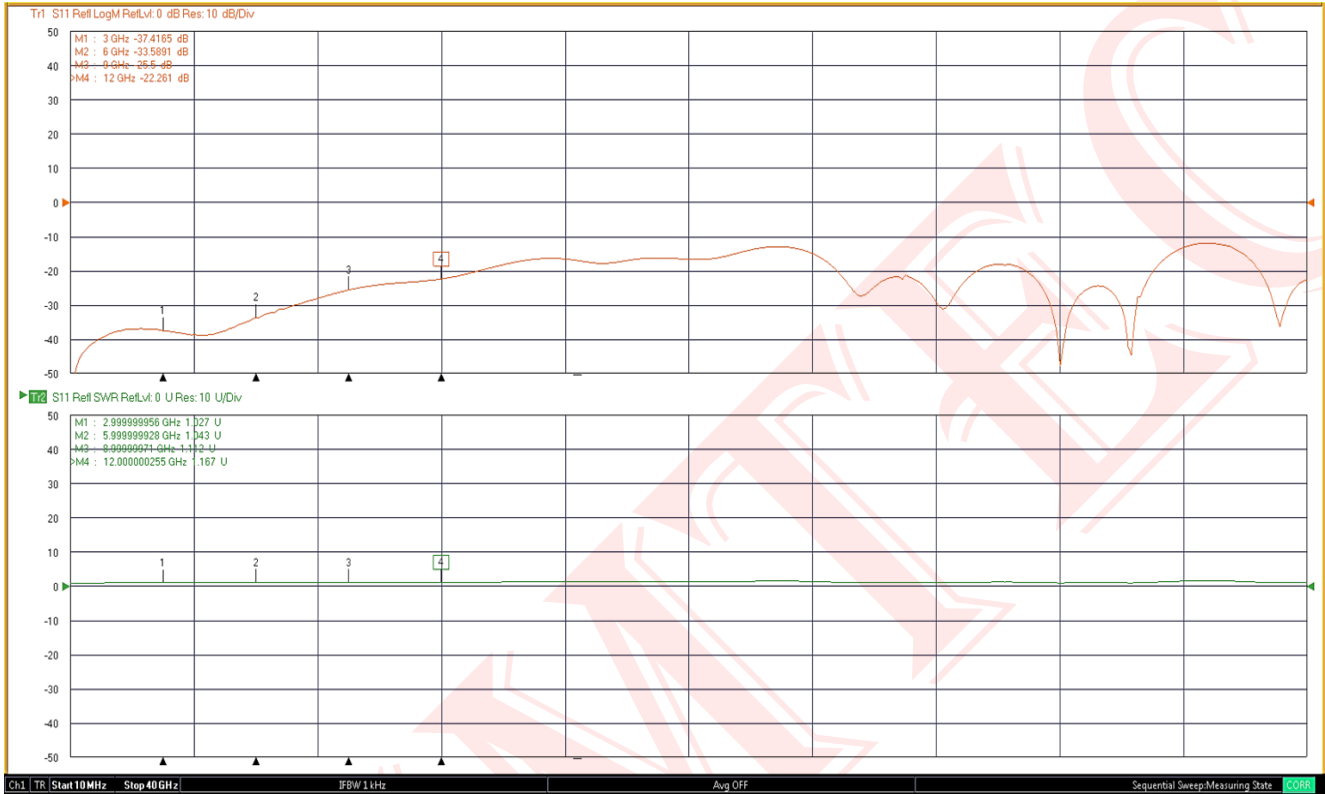
Plotted and Other Data

Notes :

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X-050



Notes :

This testing data report is both X-050 and X-051 combined for testing. The value is included two connectors of X-050 and X-051.

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X-050

