

SMB Male to SMA Female Adapter
RF Adapters Technical Data Sheet
SB-039-TGG

Configuration

- SMB Male Connectr 1
- SMA Female Connectr 2
- 50 Ohms

Features

- Max VSWR of 1.25 : 1 up to 4 GHz
- SMB Interface compliant with MIL-STD-348A
- SMA Interface compliant with MIL-STD-348A

Applications

- General Purpose Test

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
VSWR			1.25 : 1	
Operating Voltagr(AC)			335	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2	mOhms
Insertion Resistance	1,000			mOhms

Mechanical Specifications
Size

Length	[mm]	19.4
Width	[mm]	7.5
Height	[mm]	6.5
Weight	[g]	3.3



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Weight

Description	Connector 1	Connector2
Type	SMB Male	SMA Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
	MIL-C-39012	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	SMB Male	-	SMA Female	-
Contact	Phosphor Bronze	Gold	Phosphor Bronze	Gold
Insulation	PTFE	-	PTFE	-
Outer Conductor	-	-	Brass	Gold
Body	Brass	Gold	-	-
Gasket	-	-	-	-
Coupling Nut	Brass	Gold	-	-

Environmental Specifications
Temperature

Operating Range -50 to +125 deg C

Compliance Certifications

- RoHS Compliant Yes

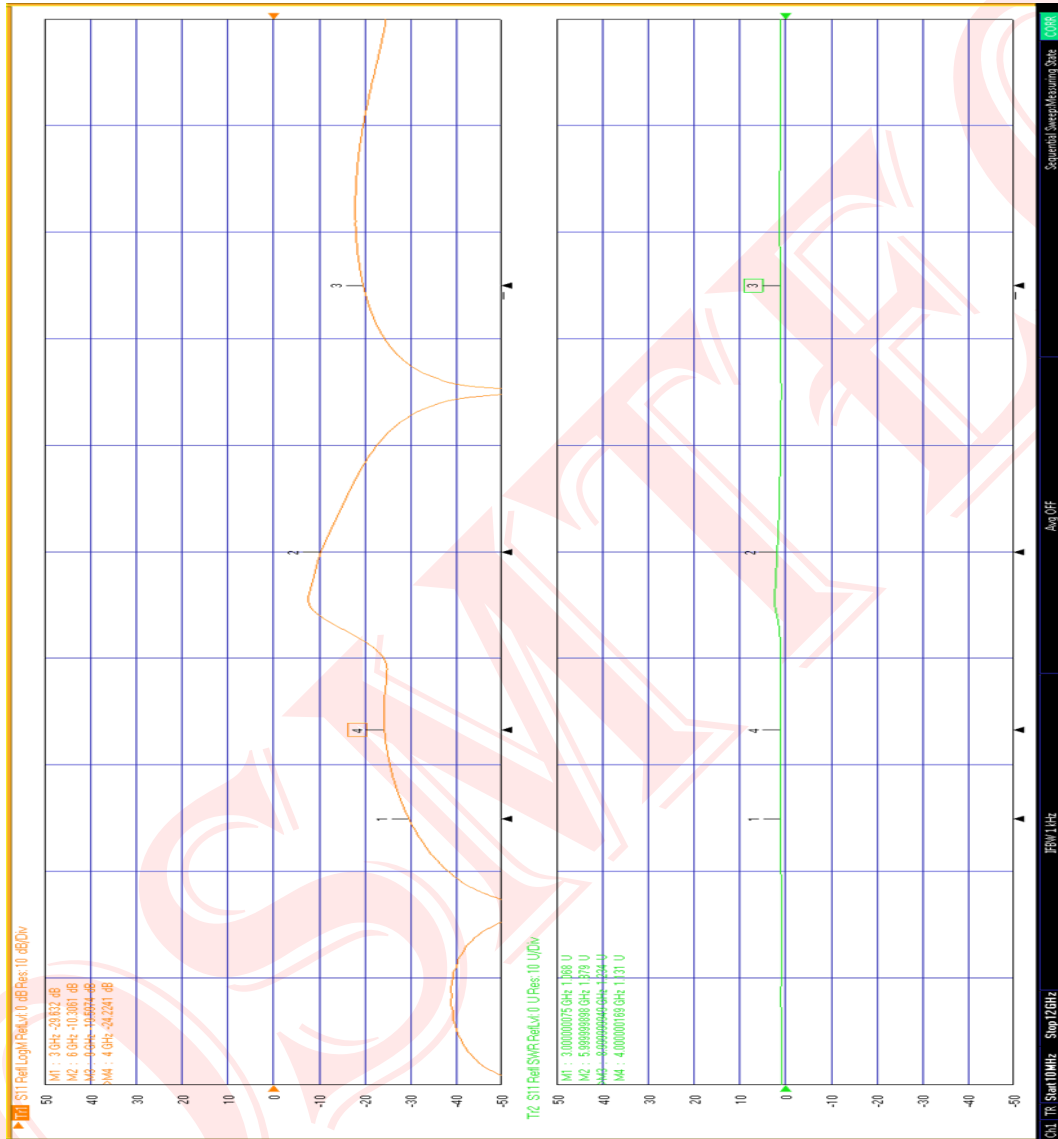
Plotted and Other Data

Notes :

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SB-039-TGG



Notes :

This testing data report is both SB-039 and SB-041 combined for testing. The value is included two connectors of SB-039 and SB-041.



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