

SMA Female Bulkhead to N Male Adapter

RF Adapters Technical Data Sheet

S-022-1

Configuration

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

Features

- Max VSWR of 1.2 : 1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348A
- N Interface compliant with MIL-STD-348A

Applications

- General Purpose Test

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.2 : 1	
Operating Voltage(AC)			1,000	Vrms
Inner Conductor DC Resistance			2	mOhms
Outer Conductor DC Resistance			0.5	mOhms
Insertion Resistance	5,000			mOhms

Mechanical Specifications

Size

Length	[mm]	35.2
Width	[mm]	22.0
Height	[mm]	22.0
Weight	[g]	37.1

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Description	Connector 1	Connector2
Type	SMA Female	N Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A MIL-C-39012	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	SMA Female	-	N Male	-
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE	-	PTFE	-
Outer Conductor	-	-	Brass	CuSnZn
Body	Brass	CuSnZn	-	-
Gasket	-	-	Silicone	-
Coupling Nut	-	-	Brass	CuSnZn

Environmental Specifications

Temperature

Operating Range -60 to +165 deg C

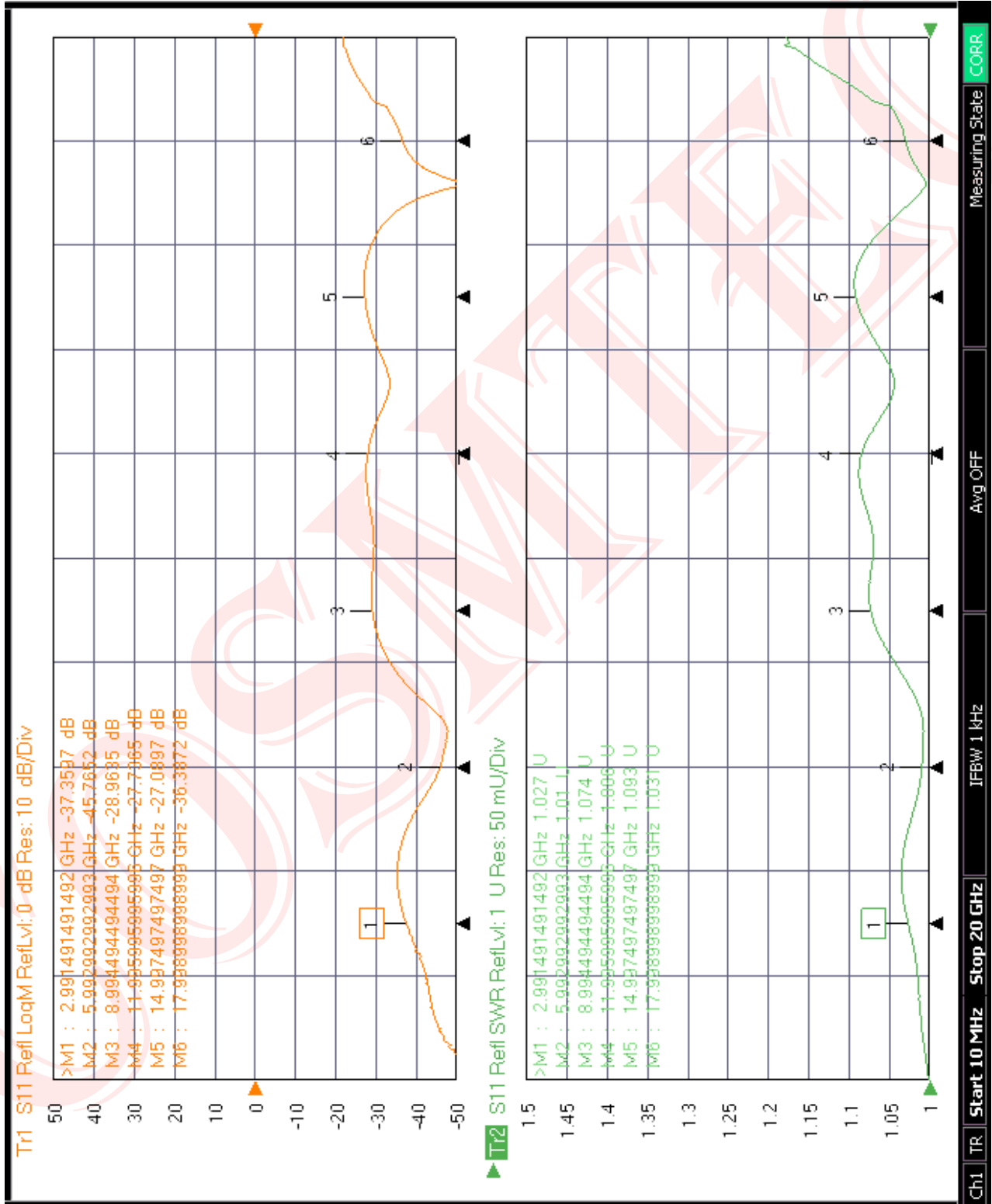
Compliance Certifications

• RoHS Compliant Yes

Plotted and Other Data

Notes :

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