

SMA Female to SMA Female Bulkhead Adapter
RF Adapters Technical Data Sheet
S-031-ST-18HP

Configuration

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

Features

- Max VSWR of 1.25 : 1 up to 18 GHz
- SMA Interface compliant with MIL-STD-348A

Applications

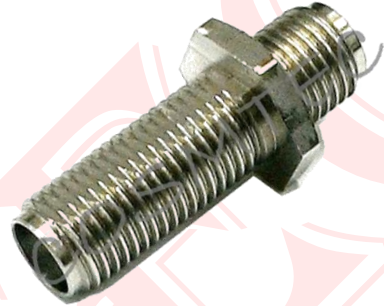
- General Purpose Test

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR		1.15 : 1	1.25 : 1	
Operating Voltagr(AC)			500	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2	mOhms
Insertion Resistance	5,000			mOhms

Mechanical Specifications
Size

Length	[mm]	22.2
Width	[mm]	10.5
Height	[mm]	9.5
Weight	[g]	3.5



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Weight

Description	Connector 1	Connector2
Type	SMA Female	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	9.5 mm	-
Mating Torque	-	-
Coupling Proof Torque, Min	-	-

Material Specifications

Description	Connector 1		Connector2	
	Material	Plating	Material	Plating
Type	SMA Female	-	SMA Female	-
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE	-	PTFE	-
Outer Conductor	-	-	SUS 303	Passivated
Body	SUS 303	Passivated	-	-
Gasket	-	-	-	-
Coupling Nut	-	-	-	-

Environmental Specifications
Temperature

Operating Range -50 to +125 deg C

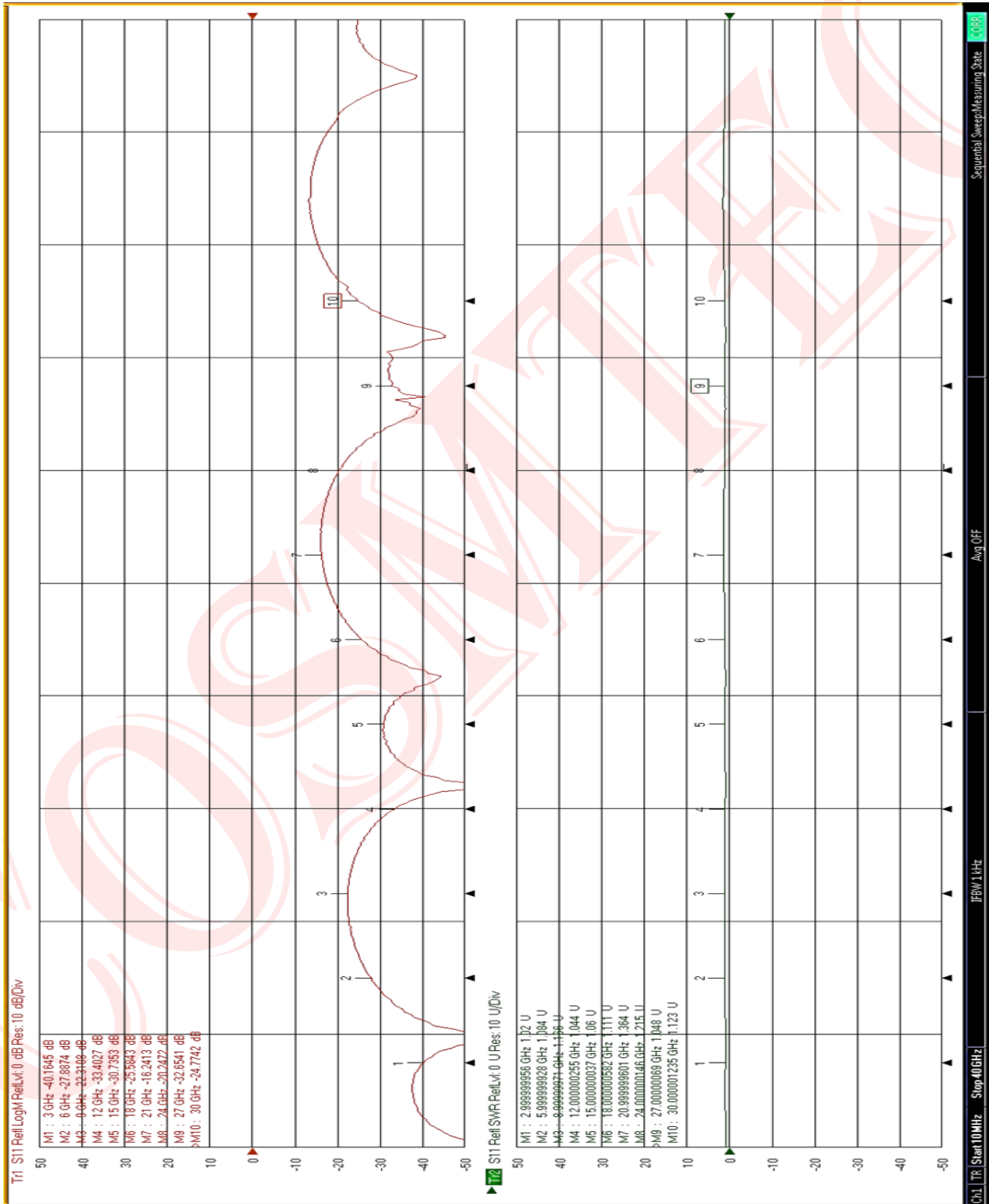
Compliance Certifications

- RoHS Compliant Yes

Plotted and Other Data

Notes :

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