

SMA Female to N Female Flange Mount Adapter

RF Adapters Technical Data Sheet **S-045-TGN (18GHz)**

Configuration

- SMA Female Connectr 1
- N Female Connectr 2
- 50 Ohms
- Flange Mount

Features

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

Applications

- General Purpose Test

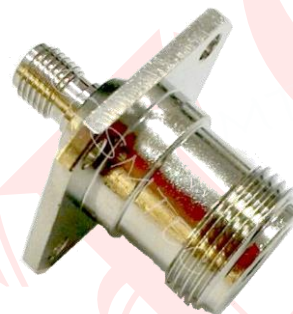
Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.3 : 1	
Operating Voltage(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]	31.4
Width	[mm]	25.4
Weight	[g]	33.5



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Weight

Description	Connector 1	Connector2
Type	SMA Female	N 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	SMA Female	-	N Female	-
Contact	Phosphor Bronze	Gold	Phosphor Bronze	Gold
Insulation	PTFE	-	PTFE	-
Outer Conductor	-	-	Brass	Nickel
Body	Brass	Nickel	-	-
Gasket	-	-	-	-
Coupling Nut	-	-	-	-

Environmental Specifications
Temperature

Operating Range -60 to +165 deg C

Compliance Certifications

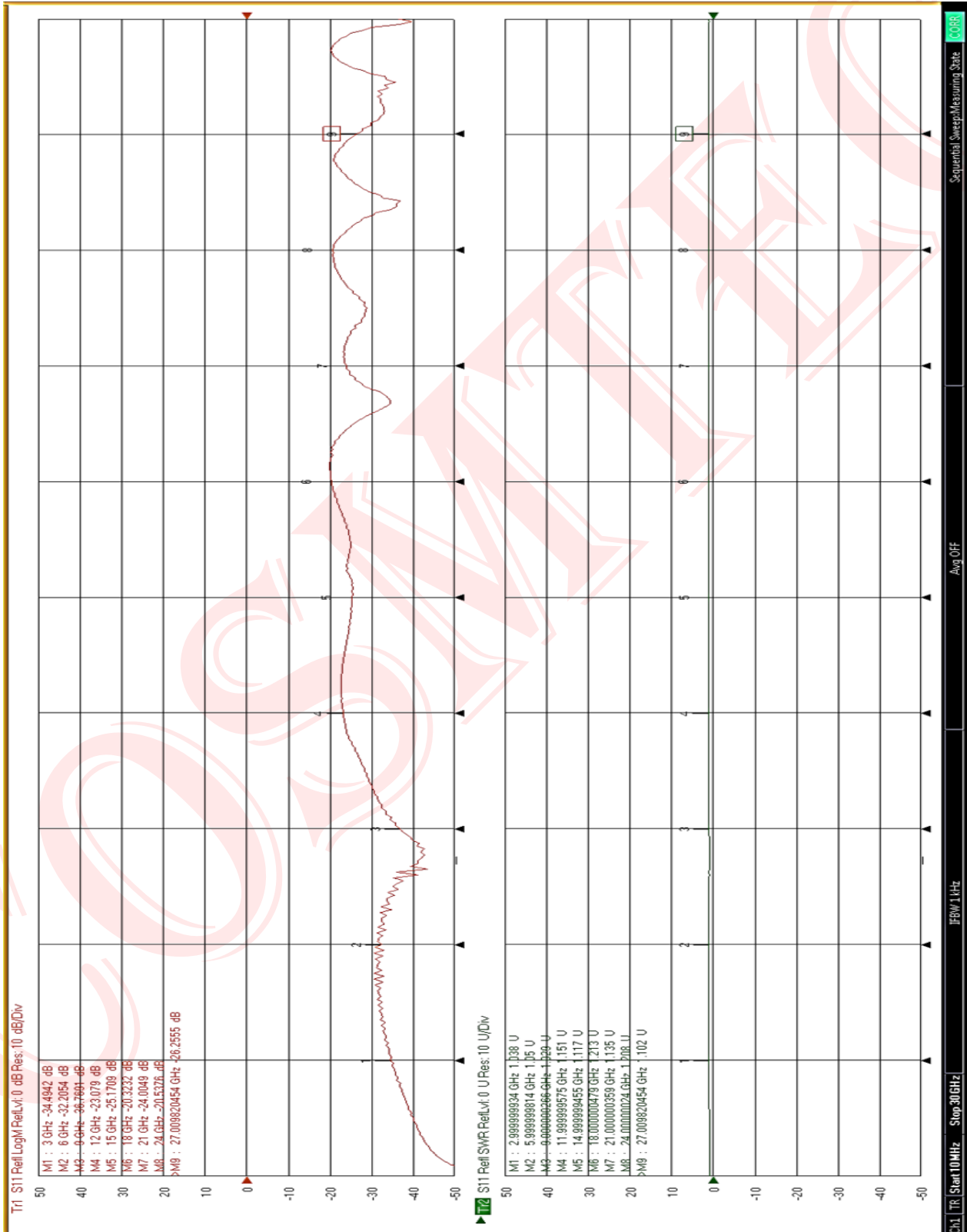
- RoHS Compliant Yes

Plotted and Other Data

Notes :

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