

SMA Male to N Male Adapter
RF Connector Technical Data Sheet
S-021-TGN (18GHz)

Configuration

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

Features

- Max VSWR of 1.3 : 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 Voltagr(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]	32.8
Width	[mm]	20.0
Height	[mm]	20.0
Weight	[g]	56.5



SMA Male to N Male Adapter
RF Connector Technical Data Sheet
S-021-TGN (18GHz)

Weight

Description	Connector 1	Connector2
Type	SMA Male	N Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A
	MIL-C-39012	MIL-C-39012
Mating Cycles	500	500
Hex Size	8mm	-
Mating Torque	3 to 5 in-lbs	-
Coupling Proof Torque, Min	5 in-lbs	-

Material Specifications

Description	Connector 1		Connector2	
	Material	Plating	Material	Plating
Type	SMA Male	-	N Male	-
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE	-	PTFE	-
Outer Conductor	-	-	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel
Gasket	-	-	Silicone	-
Coupling Nut	Brass	Nickel	Brass	Nickel

Environmental Specifications
Temperature

Operating Range -60 to +165 deg C

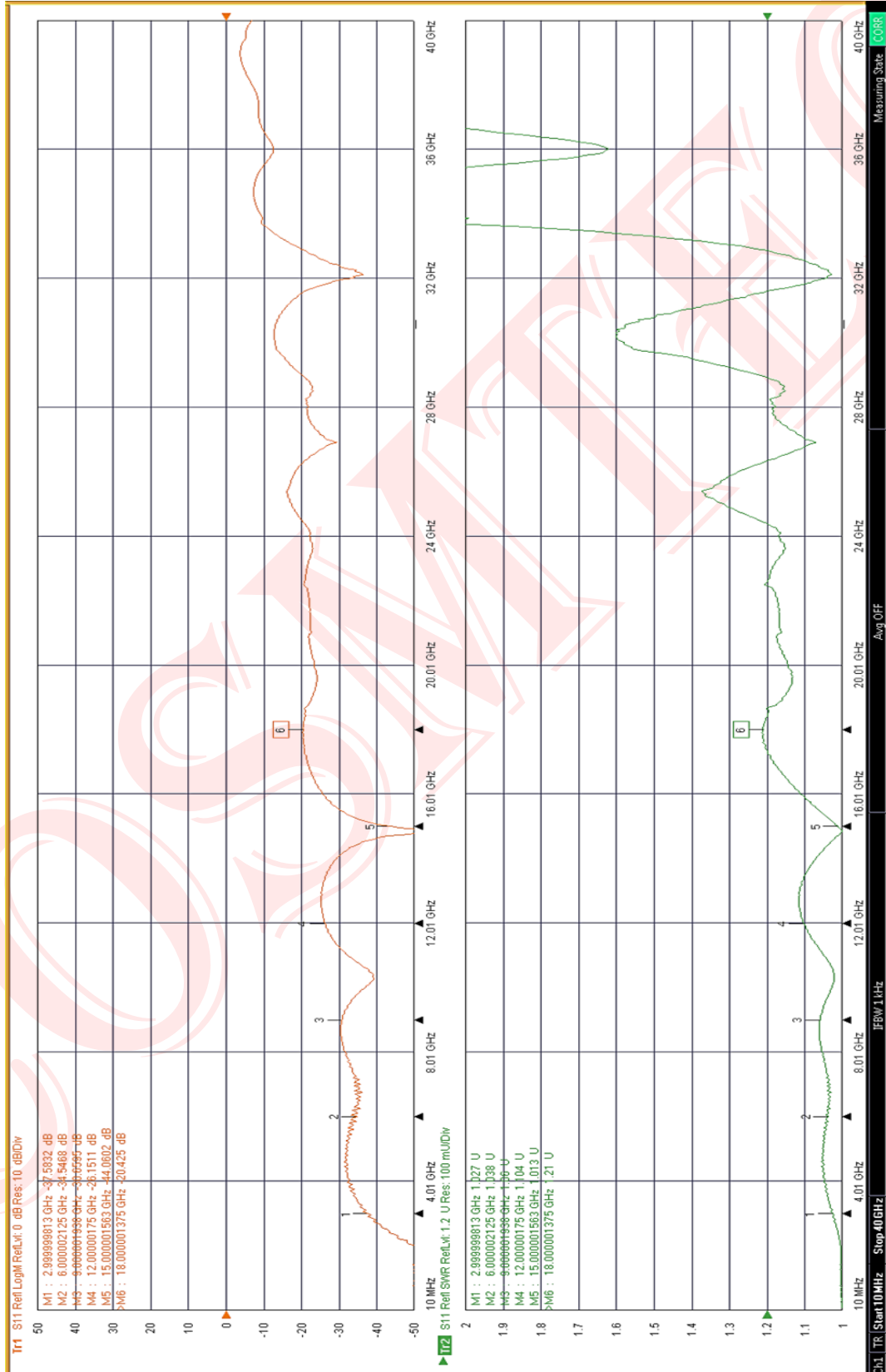
Compliance Certifications

- RoHS Compliant Yes

Plotted and Other Data

Notes: Do Turn Male (Plug) Connector's Nut (Shell) Only To Tighten

SMA Male to N Male Adapter RF Connector Technical Data Sheet S-021-TGN (18GHz)



SMA Male to N Male Adapter
RF Connector Technical Data Sheet
S-021-TGN (18GHz)

