

N Male to N Male Adapter

RF Adapters Technical Data Sheet N-012

Configuration

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

Features

- DC to 11 GHz @ VSWR of 1.2 : 1
11 GHz to 18 GHz@ VSWR of 1.25 : 1
- N Interface compliant with IEC 60169-16

Applications

- General Purpose Test

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.25 : 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]	39.2
Width	[mm]	20.0
Weight	[g]	48.0

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RF Adapters Technical Data Sheet
N-012

Description	Connector 1	Connector2
Type	N Male	N Male
Polarity	Standard	Standard
Interface Specification	IEC 60169-16	IEC 60169-16
Mating Cycles	500	500
Hex Size	-	-
Mating Torque	-	-
Coupling Proof Torque, Min	-	-

Material Specifications

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

Environmental Specifications
Temperature

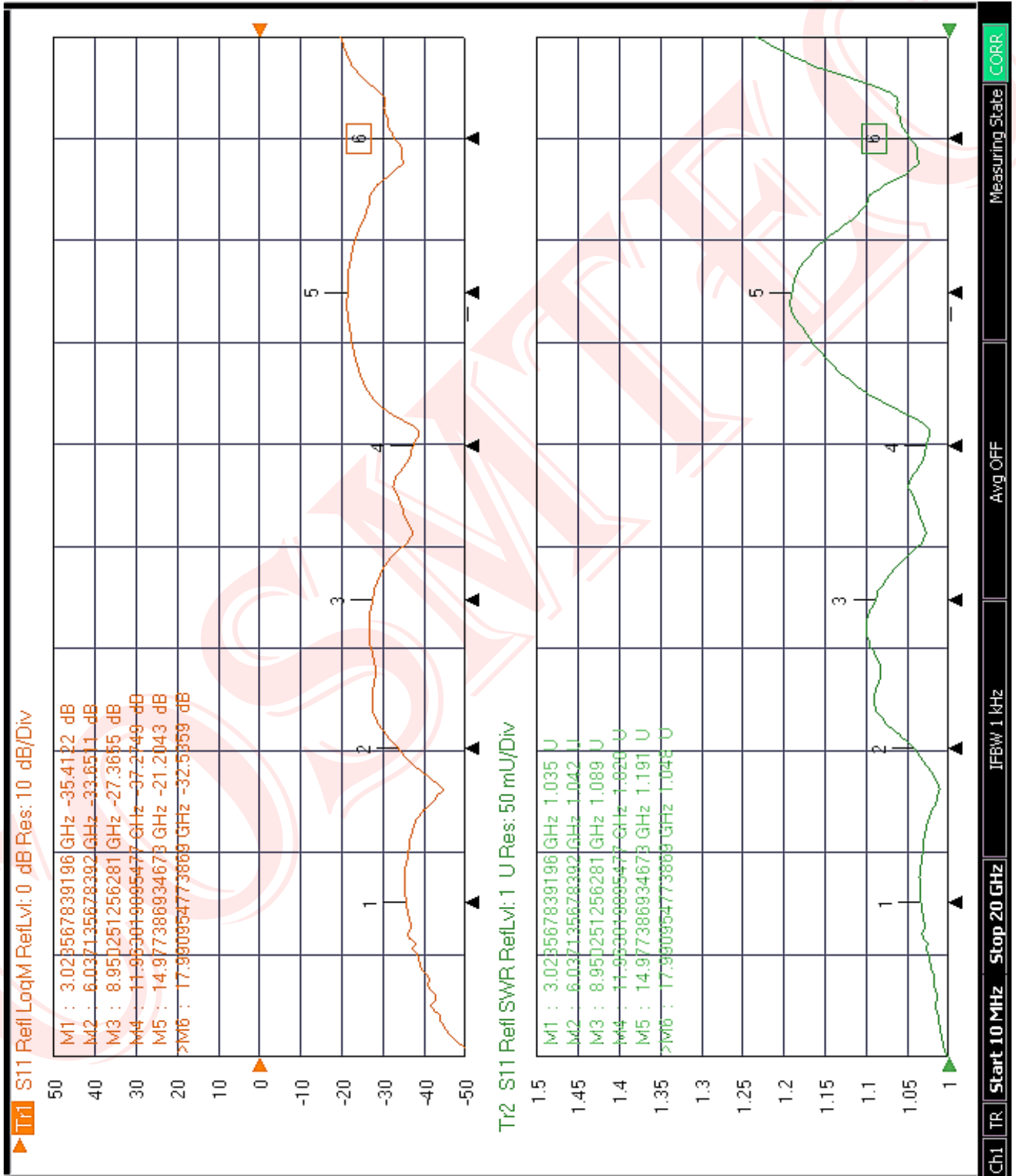
Operating Range -60 to +165 deg C

Compliance Certifications

- RoHS Compliant Yes

Plotted and Other Data

Notes :

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N-012**


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N-012

