

N Male to N Female Right Angle Adapter
RF Adapters Technical Data Sheet
N-025-TGN (11GHz)

Configuration

- N Male Connectr 1
- N Male Connectr 2
- 50 Ohms
- Right Angle Body

Features

- Max VSWR of 1.25 : 1 up to 11 GHz
- N Interface compliant with MIL-STD-348A

Applications

- General Purpose Test

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	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]	36.2
Width	[mm]	20.0
Height	[mm]	29.3
Weight	[g]	54.5



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Weight

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

Environmental Specifications

Temperature

Operating Range -60 to +165 deg C

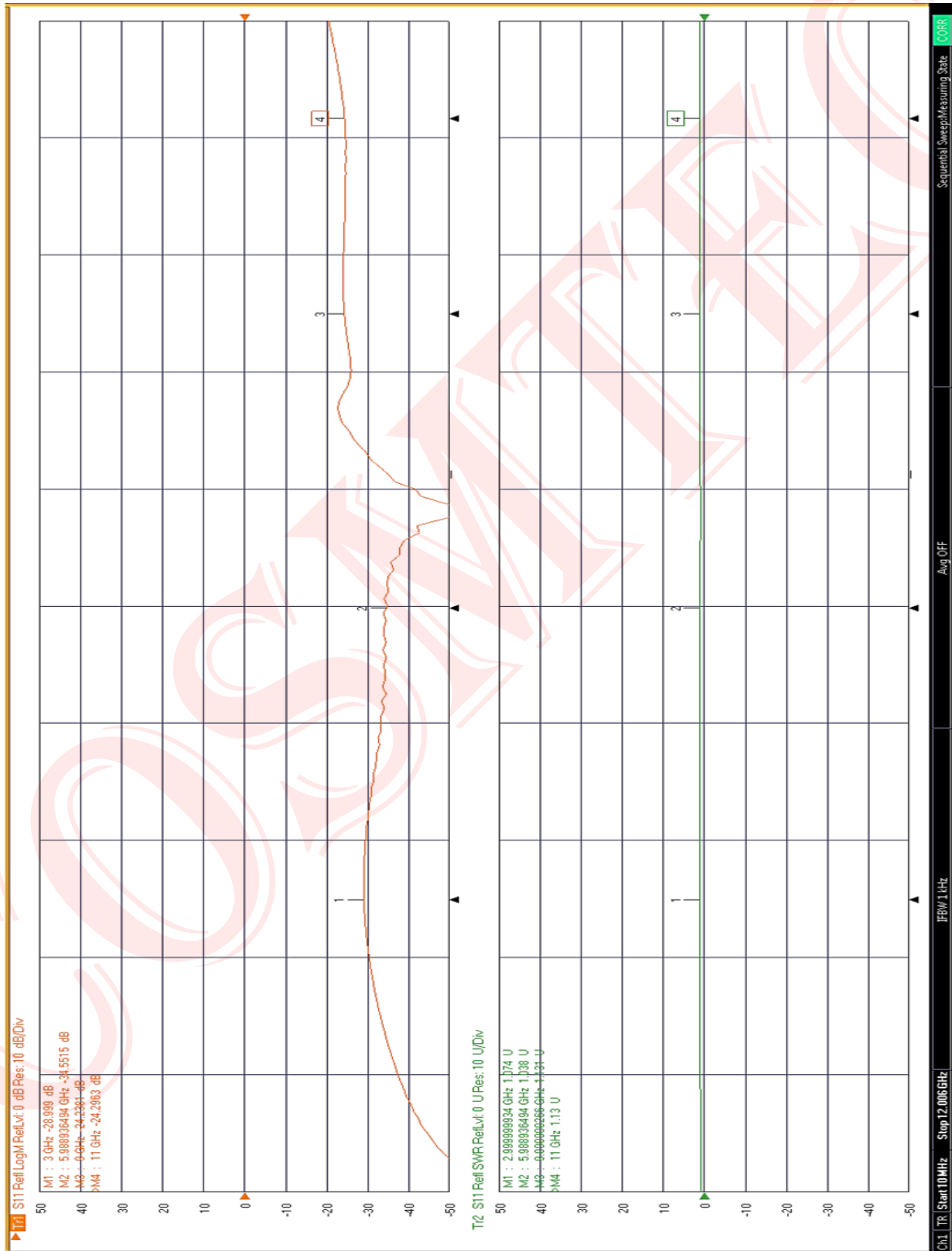
Compliance Certifications

- RoHS Compliant Yes

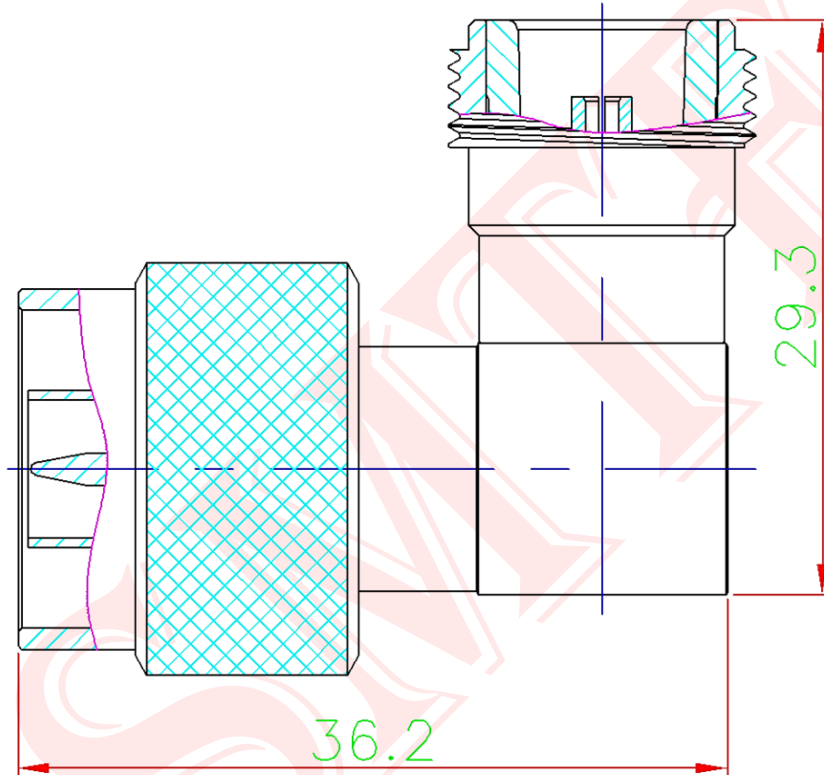
Plotted and Other Data

Notes :

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NO	Description	Material	Finish	Dimensions Are in Millimeters Unless Otherwise Specified		 COSMTEC COSMTEC RESOURCES CO., LTD	Part No.		
1	Shell	Brass	Nickel	0.5-6	± 0.2			N-025-TGN	
2	Body	Brass	Nickel	6-30	± 0.4	<input checked="" type="checkbox"/> DRAFT <input type="checkbox"/> CHECKED <input type="checkbox"/> APPROVED		Title: N PLUG - JACK RIGHT ANGLE ADAPTER	
3	Contactors	P.H. Bronze	Gold	30-120	± 0.6	<small> The Implying Contents Information That Is Proprietary To Cosmtec Resources Co., Ltd. And Shall Not Be Disclosed Without Permission. www.cosmtec.com </small>		DATE: SEP/22/2016	
4	Insulator	Teflon	-	120-315	± 1.0			SCALE: 1:1	UNIT: m/m
5	Gasket	Silicon	-	315-1000	± 1.6			REV: A	
				1000-2000	± 2.4				