

SMA Male Reverse Polarity to SMA Female Adapter

RF Adapters Technical Data Sheet **S-054-RP-1-TGG**

Configuration

- SMA Male With Female Contactor Connectr 1
- SMA Female Connectr 2
- 50 Ohms

Features

- Max VSWR of 1.20 : 1 up to 18 GHz
- SMA Interface compliant with MIL-C-39012

Applications

- General Purpose Test



Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR		1.15 : 1	1.25 : 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]	20.2
Width	[mm]	9.0
Height	[mm]	8.0
Weight	[g]	4.7

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Weight

Description	Connector 1	Connector2
Type	SMA Male	SMA Female
Polarity	Reverse Polarity	Standard
Interface Specification	MIL-STD-348A MIL-C-39012	MIL-STD-348A 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 Male	-	SMA Female	-
Contact	Beryllium Copper	Gold	Beryllium Copper	Gold
Insulation	PTFE	-	PTFE	-
Outer Conductor	Brass	Gold	Brass	Gold
Body	Brass	Gold	Brass	Gold
Gasket	Silicone	-	-	-
Coupling Nut	Brass	Gold	-	-

Environmental Specifications

Temperature

Operating Range -60 to +165 deg C

Compliance Certifications

• RoHS Compliant Yes

Plotted and Other Data

Notes :

SMA Female Reverse Polarity to SMA Male Adapter

RF Adapters Technical Data Sheet **S-054-RP-2-TGG**

Configuration

- SMA Male Connectr 1
- SMA Female With Male Contactor Connectr 2
- 50 Ohms

Features

- Max VSWR of 1.25 : 1 up to 18 GHz
- SMA Interface compliant with MIL-C-39012

Applications

- General Purpose Test



Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR		1.15 : 1	1.25 : 1	
Operating Voltage(AC)			500	Vrms
Inner Conductor DC Resistance			3	mOhms
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Polarity	Standard	Reverse Polarity
Interface Specification	MIL-STD-348A MIL-C-39012	MIL-STD-348A 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 Male	-	SMA Female	-
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE	-	PTFE	-
Outer Conductor	Brass	Gold	Brass	Gold
Body	Brass	Gold	Brass	Gold
Gasket	Silicone	-	-	-
Coupling Nut	Brass	Gold	-	-

Environmental Specifications

Temperature

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Notes :

SMA Male Reverse Polarity to SMA Female Adapter

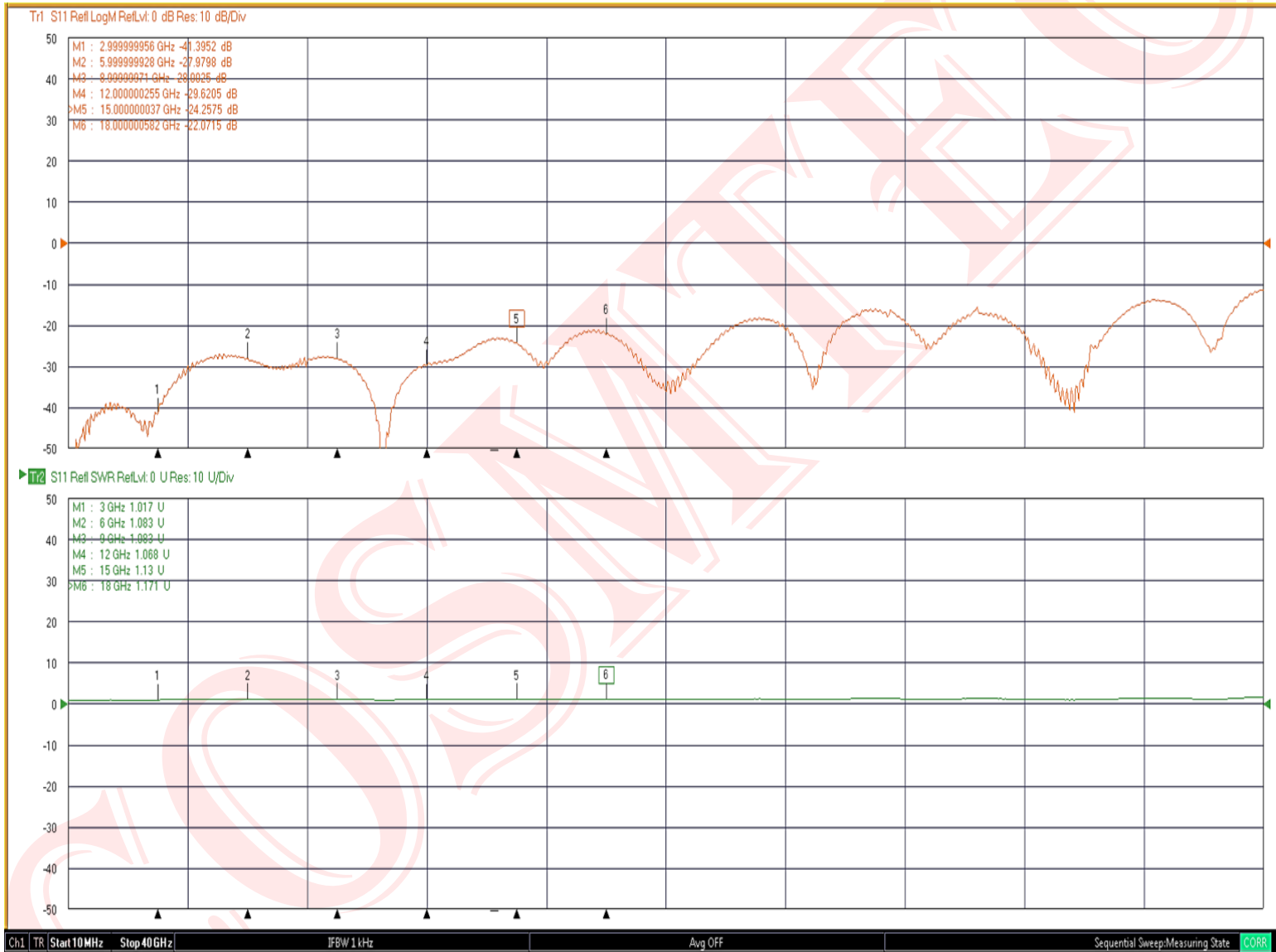
S-054-RP-1-TGG

Link With

SMA Female Reverse Polarity to SMA Male Adapter

S-054-RP-2-TGG

RF Adapters Technical Data Sheet



SMA Male Reverse Polarity to SMA Female Adapter

S-054-RP-1-TGG

Link With

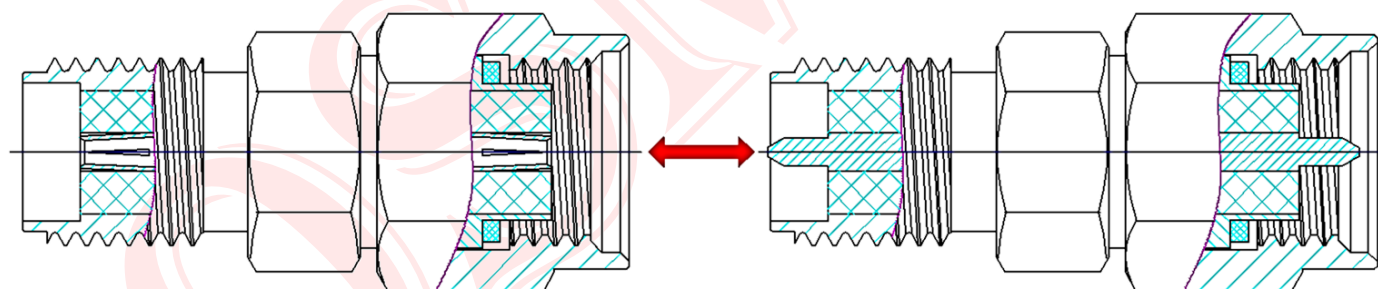
SMA Female Reverse Polarity to SMA Male Adapter

S-054-RP-2-TGG



S-054-RP-1-TGG

S-054-RP-2-TGG



Notes :

This testing data report is both S-054-RP-1-TGG and S-054-RP-2-TGG combined for testing. The value is included two connectors of S-054-RP-1-TGG and S-054-RP-2-TGG

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S-054-RP-1-TGG

Link With

SMA Female Reverse Polarity to SMA Male Adapter

S-054-RP-2-TGG

