

ADAPTER, BETWEEN SERIES 1.85mm / SMPM

DC - 65 GHz



MODELS: 5296, 5297, 5298, 5299

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 65 GHz
 VSWR
 DC – 26.5 GHz _____ 1.20:1 Max.
 26.5 – 65 GHz _____ 1.40:1 Max.
 Impedance _____ 50 Ohms
 Operating Temp. Range _____ -20°C to +85°C

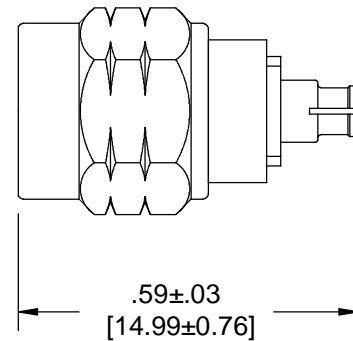
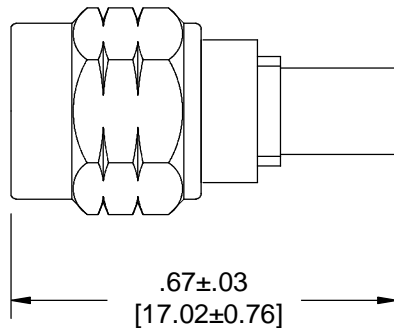
Mechanical:

1.85mm Connectors _____ Passivated Stainless Steel
 (Mates with 2.4mm & V* Connectors)
 SMPM Connectors _____ Gold Plated Beryllium Copper
 (Mates with GPPO** Connectors)
 Conductors _____ Gold Plated Beryllium Copper

*V is a trademark of Anritsu Corp.
 **GPPO is a trademark of Corning Gilbert, Inc.

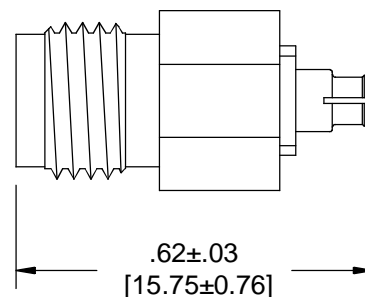
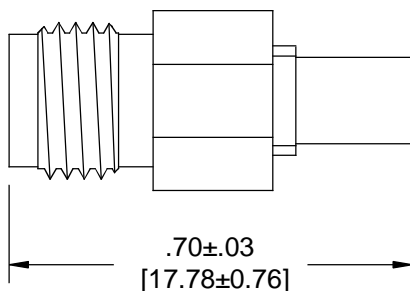
Model Number: **5296**
 1.85mm MALE / SMPM MALE

Model Number: **5297**
 1.85mm MALE / SMPM FEMALE



Model Number: **5298**
 1.85mm FEMALE / SMPM MALE

Model Number: **5299**
 1.85mm FEMALE / SMPM FEMALE



Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
 Design specifications are subject to change without notice.
 Contact factory for technical specifications before purchasing or use.

5296; REV A

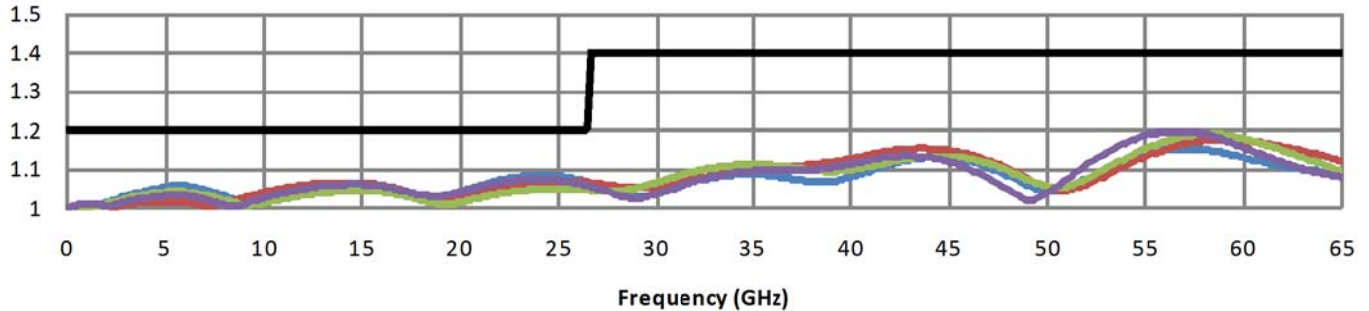
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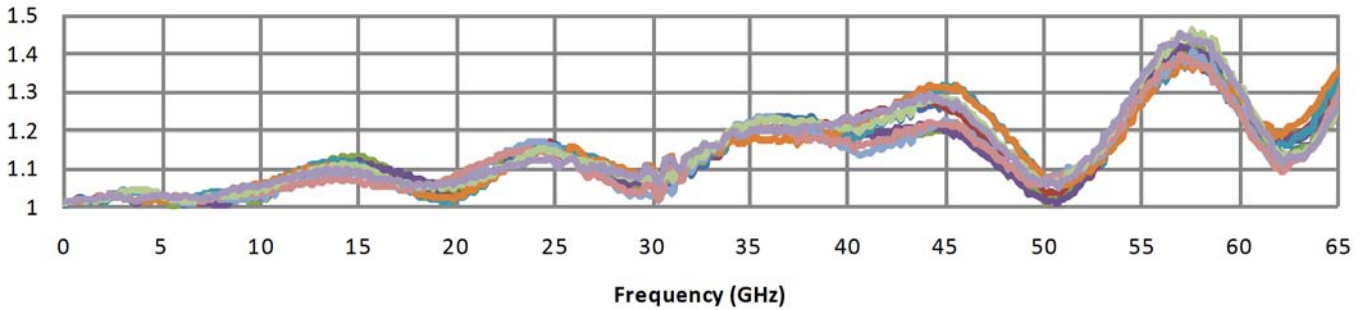
REVISIONS

LTR	DESCRIPTION	DATE	DCN NO.
A	NEW DRAWING	2/9/11	10-00174

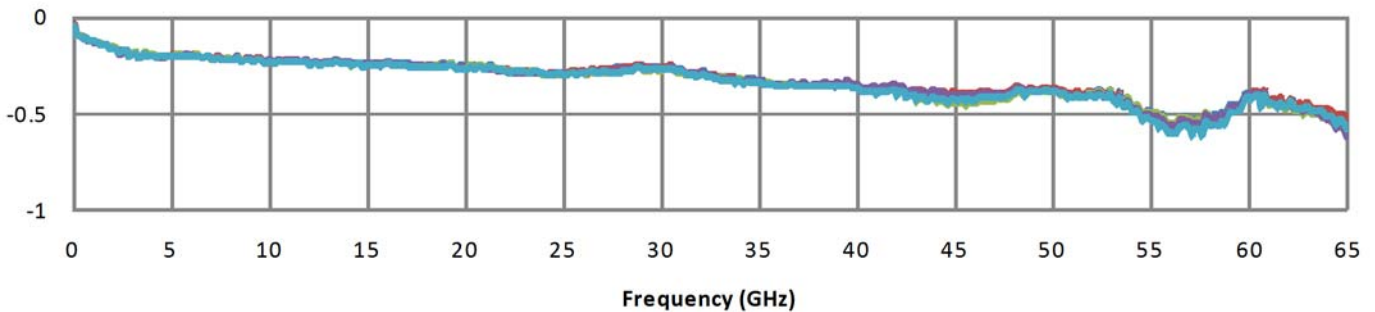
Typical VSWR (Gated)



Typical VSWR (Adapters tested in pairs)



Typical Insertion Loss (dB) (Adapters tested in pairs)



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES

DECIMAL	ANGULAR
.XX ± .01	±
.XXX ± .005	
DO NOT SCALE DRAWING	

MATERIAL:

FINISH

SIMILAR TO

WEIGHT (gr)

CONTRACT NO.

CHECKED

EJM

ENGINEERING

JRW

MANUFACTURING

JO

QUAL. ASSURANCE

JMB

MARKETING

NH

DATE

2/11/11

2/11/11

2/15/11

3/2/11

3/3/11



300 DINO DRIVE
ANN ARBOR, MI 48103
TELEPHONE (734) 426-5553
FACSIMILE (734) 426-5557

TITLE:

OUTLINE DRAWING, ADAPTER
BETWEEN SERIES, 1.85mm TO SMPM
DC - 65 GHz, 50 OHMS
MODELS 5296, 5297, 5298, 5299

SIZE

A

FSCM NO.

64671

DWG. NO.

5296

SCALE

3:1

RELEASE DATE

SHEET

2

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