2.4mm Male (Plug) to Mini SMP Female (Jack) Push-On Adapter, Passivated Stainless Steel Body, 1.3 VSWR

FMAD1264

Configuration
- 2.4mm Male Connector 1
- Push-On Mini SMP Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

Features
- VSWR of 1.3:1 max up to 50 GHz
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

Applications
- Enables Between Series Connections
- General Purpose Test

Description
2.4mm male to Mini SMP female push-on adapter part number FMAD1264 from Fairview Microwave is in-stock and ships same day. This Fairview 2.4mm to Mini SMP adapter has a male to female gender configuration. FMAD1264 2.4mm male to Mini SMP female adapter is gold plated and operates to 50 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum. The 2.4mm connector mates mechanically with commercially available 1.85mm (V) connectors.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. An RF, microwave, or millimeter wave adapter is connected to the equipment and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		50	GHz
Impedance		50		Ohms
VSWR			1.3:1	

Electrical Specification Notes:
Values at 25°C, sea level

Mechanical Specifications

Size
Length	0.81 in [20.52 mm]
Width	0.31 in [7.92 mm]
Height	0.31 in [7.92 mm]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Hex Size	5/16 inch	

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.4mm Male		Push-On Mini SMP Female	
Contact	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor			Beryllium Copper	Gold AMS-QQ-P-35
Body	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204
Coupling Nut	Passivated Stainless Steel	AMS-QQ-P-35		

Environmental Specifications
    Temperature
    Operating Range   -55 to +125 ºC

Compliance Certifications (see product page for current document)

Plotted and Other Data

2.4mm Male (Plug) to Mini SMP Female (Jack) Push-On Adapter, Passivated Stainless Steel Body, 1.3 VSWR from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: 2.4mm Male (Plug) to Mini SMP Female (Jack) Push-On Adapter, Passivated Stainless Steel Body, 1.3 VSWR FMAD1264

URL: https://www.fairviewmicrowave.com/product/rf-adapters/2.4mm-male-mini-smp-female-push-on-adapter-fmad1264.html

FMAD1264 CAD Drawing

2.4mm Male (Plug) to Mini SMP Female (Jack) Push-On Adapter, Passivated Stainless Steel Body, 1.3 VSWR

2.4mm MALE

.808 [20.52]

.714 [18.14]

RP

MINI SMP FEMALE
(SMPM INTERFACE
PER MIL-STD-348)

REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	UPDATED PER ECO-14518	4/17/2025	HBAKKE	SRAUTUS

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE   SHEET 1 OF 1

DESCRIPTION: 2.4mm MALE (PLUG) TO MINI SMP FEMALE (JACK) PUSH-ON ADAPTER, PASSIVATED STAINLESS STEEL BODY, 1.3 VSWR

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3FKR5	K.DANG	FMAD1264	B

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:
X = ± .2 [5]   FRACTIONS ± 1/32
XX = ±.02 [0.5]   ANGLES ± 1°
XXX = ±.005 [0.13]

CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] >300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY

FM DS Rev-D4 As/ze

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