

**7/16 DIN Male to Male Thru Calibration Kit  
 Component for Precision Up to 7.5 GHz**

7/16 DIN male to male thru calibration kit component, part number FMAD1133, from Fairview Microwave is in-stock and ships same day. This 7/16 DIN precision thru circuit can be used for calibration of most vector network analyzers (VNA), cable analyzers or site analyzers. Impedance and VSWR specifications for this 7/16 DIN thru calibrating component are provided in the datasheet. Precision control of the impedance and electrical length allow for OSLT analyzer calibrations over the complete frequency range of the connector interface provided.

Fairview's 7/16 DIN thru circuit calibration component FMAD1133 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering for RF, microwave and millimeter wave components allows designers to configure and customize their test solutions however they like. From calibration kit replacement to SOLT / OSLT VNA calibration, Fairview Microwave has the right calibration kit components to meet your needs and ship them same-day.

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		7.5	GHz
Impedance		50		Ohms
VSWR			1.03:1	
Electrical Delay		166		ps

Electrical Specification Notes:  
 Values at 25° sea level.

**Mechanical Specifications**

**Size**

Length	2.54 in [64.52 mm]
Width/Diameter	1.311 in [33.3 mm]
Pin Depth	0.0682 to 0.0712 in

**Connector 1**

Connector Type	7/16 DIN Male
Body Material and Plating	Stainless Steel

**Connector 2**

Connector Type	7/16 DIN Male
Connector Body Material and Plating	Stainless Steel

**Environmental Specifications**

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

- Values at +25 °C, sea level



**Features:**

- Controlled Impedance
- Replaces Damaged Calibrating Kit Components
- Controlled Electrical Length
- Precision Interfaces
- In Stock and Ready to Ship

**Applications:**

- SOLT or OSLT Calibration
- VNA Calibration
- Device Characterization
- De-embedding
- Replacement Calibration Kits

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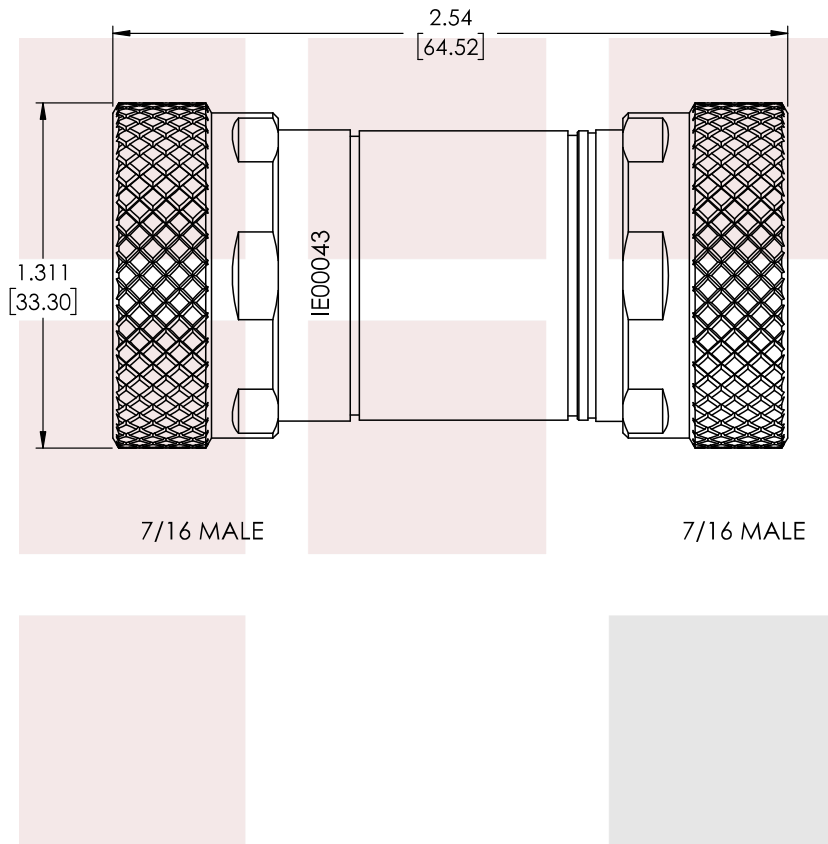
7/16 DIN Male to Male Thru Calibration Kit Component for Precision Up to 7.5 GHz from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [7/16 DIN Male to Male Thru Calibration Kit Component for Precision Up to 7.5 GHz FMAD1133](#)

URL: <https://www.fairviewmicrowave.com/7-16-din-male-calibration-kit-component-thru-7.5-ghz-fmad1133-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.





STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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TITLE 7/16 DIN Male to Male Thru Calibration Kit Component for Precision Up to 7.5 GHz		DWG NO FMAD1133		CAGE CODE 3FKR5	
		CAD FILE 01/25/18	SHEET	SCALE N/A	SIZE A CN2245