

Type N Male to Male Thru Calibration Kit Component for Precision Up to 18 GHz

N male to male thru calibration kit component, part number FMAD1136, from Fairview Microwave is in-stock and ships same day. This N 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 N 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 N thru circuit calibration component FMAD1136 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.



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

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
Impedance		50		Ohms
VSWR			1.09:1	
Electrical Delay		223		ps

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC-4	4-10	10-18			GHz
VSWR, Max	1.03:1	1.05:1	1.09:1			

Electrical Specification Notes:
 Values at 25° sea level.

Mechanical Specifications

Size
 Length 2.58 in [65.53 mm]
 Width/Diameter 0.87 in [22.1 mm]
 Pin Depth 0.207 to 0.21 in

Connector 1
 Connector Type N Male
 Body Material and Plating Stainless Steel

Connector 2
 Connector Type N Male
 Connector Body Material and Plating Stainless Steel

Environmental Specifications

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

Plotted and Other Data

Notes:

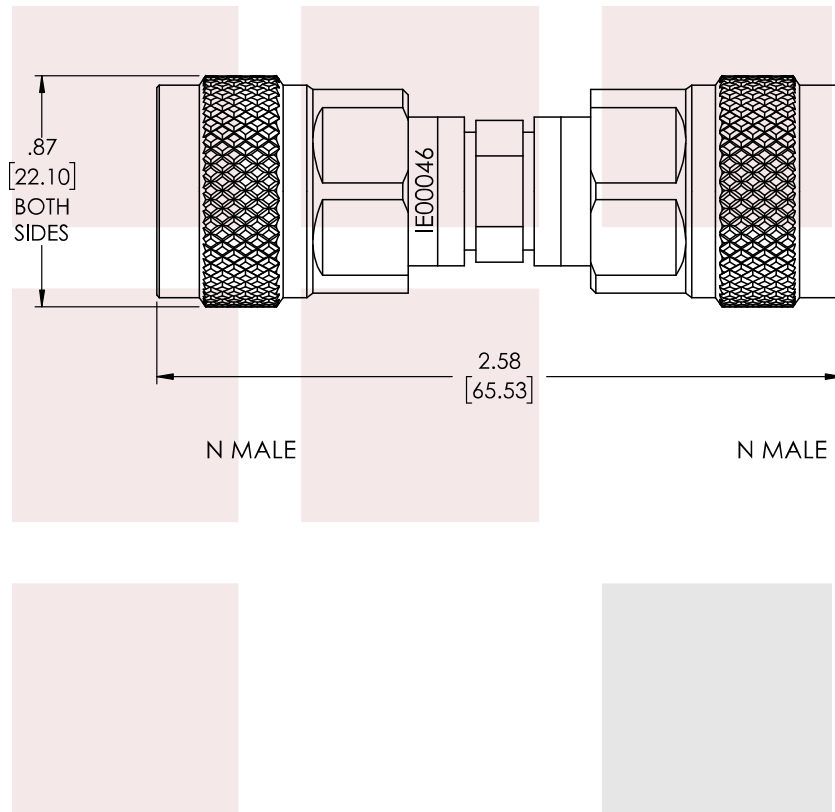
- Values at +25 °C, sea level

Type N Male to Male Thru Calibration Kit Component for Precision Up to 18 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: [Type N Male to Male Thru Calibration Kit Component for Precision Up to 18 GHz FMAD1136](#)

URL: <https://www.fairviewmicrowave.com/type-n-male-calibration-kit-component-thru-18-ghz-fmad1136-p.aspx>

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

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE Type N Male to Male Thru Calibration Kit Component for Precision Up to 18 GHz	DWG NO FMAD1136		CAGE CODE 3FKR5		
	CAD FILE 01/26/18	SHEET	SCALE N/A	SIZE A	CN2245