COAXIAL

Adapter

DINF-NF+

50Ω DC to 6 GHz DIN Female to N-Type Female

KEY FEATURES

- Ultra-Wideband, DC to 6 GHz
- Low Insertion Loss, 0.06 dB Typ. to 6 GHz
- Excellent VSWR, 1.06:1 Typ. to 6 GHz
- Straight Body

Generic photo used for illustration purposes only

PRODUCT OVERVIEW

Mini-Circuits' DINF-NF+ is a coaxial DIN female to N-type female adapter supporting a wide range of applications from DC to 6 GHz. This model provides excellent VSWR and low insertion loss over the frequency band. The DINF-NF+ features passivated stainless steel construction with a gold-plated beryllium copper center pin and measures only 1.378" in length.

ELECTRICAL SPECIFICATIONS[1] AT +25 °C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		6	GHz
Insertion Loss	0.01–6	–	0.06	0.25	dB
VSWR	0.01–6	–	1.06	1.20	:1

1. Specifications are tested to minimum frequency of 0.01 GHz.

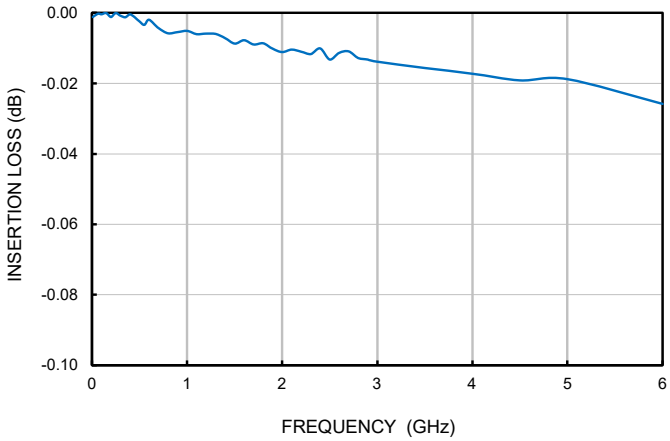
ABSOLUTE MAXIMUM RATINGS[2]

Operating Case Temperature	-45 °C to +125 °C
Storage Temperature	-45 °C to +125 °C

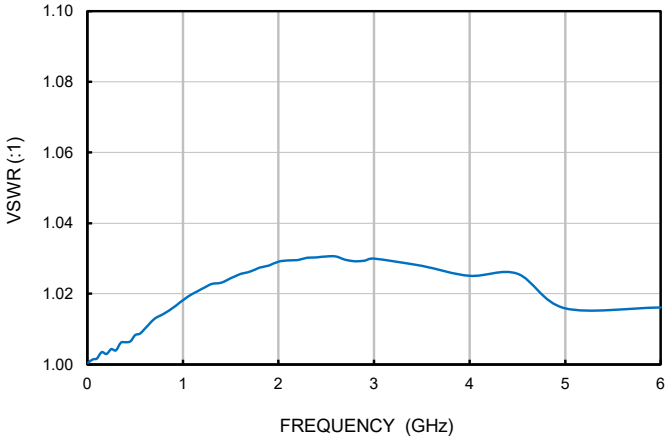
2. Permanent damage may occur if any of these limits are exceeded.

TYPICAL PERFORMANCE GRAPHS

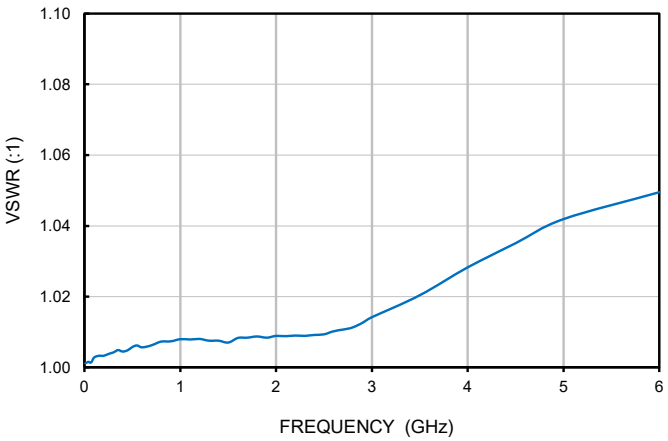
INSERTION LOSS (+25 °C)



DIN FEMALE VSWR (+25 °C)



N FEMALE VSWR (+25 °C)



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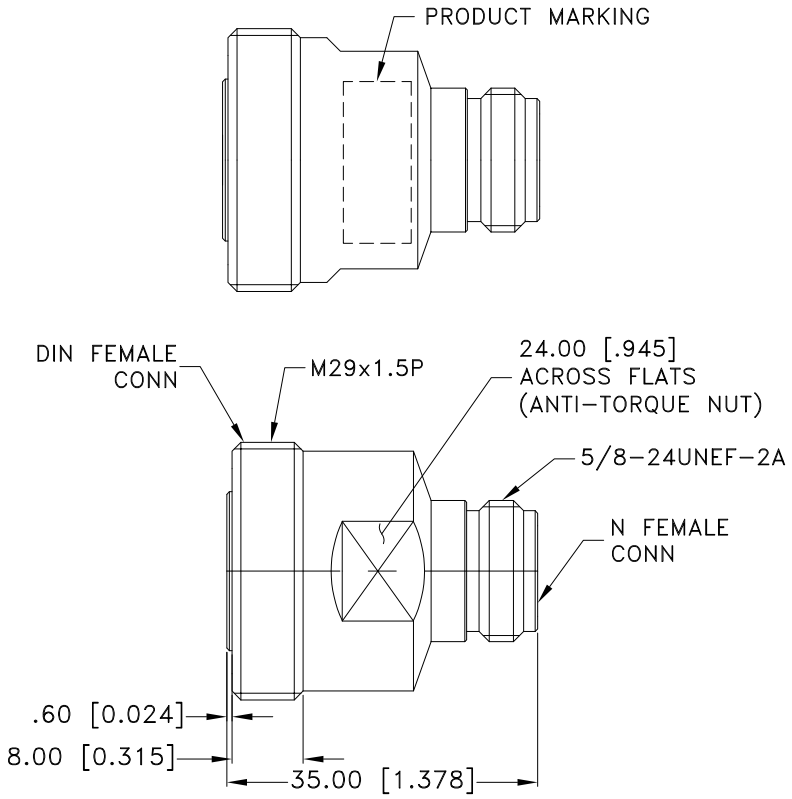
CONNECTOR SPECIFICATIONS

Description	Connector 1	Connector 2
Connector Type	DIN Female	N-Type Female
Orientation	Straight	Straight

CASE STYLE DRAWING



Dimensions are in mm [Inches]. Tolerances: 2 Pl.±0.40 mm

PRODUCT MARKING*: DINF-NF+

*Marking may contain other features or characters for internal lot control.

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ADDITIONAL INFORMATION IS AVAILABLE ON OUR DASHBOARD CLICK HERE

Performance Data & Graphs	Data Graphs S-Parameter (S2P Files) Data Set (.zip file)
Case Style	DJ3843
RoHS Status	Compliant
Environmental Ratings	ENV152

NOTES

A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuits' applicable established test performance criteria and measurement instructions.
C. The parts covered by this specification document are subject to Mini-Circuits' standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the standard terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/terms/viewterm.html