



KEY FEATURES

- Ultra-Wideband, DC to 6 GHz
- Low Insertion Loss, 0.06 dB Typ. to 6 GHz
- Excellent VSWR, 1.07:1 Typ. to 6 GHz
- Straight Body



Generic photo used for illustration purposes only

PRODUCT OVERVIEW

Mini-Circuits' DINF-NM+ is a coaxial DIN female to N-type male 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-NM+ features passivated stainless steel construction with a gold-plated beryllium copper center pin and measures only 1.575" in length.

ELECTRICAL SPECIFICATIONS¹ 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	–	1.07	1.20	:1

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

ABSOLUTE MAXIMUM RATINGS²

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.



COAXIAL

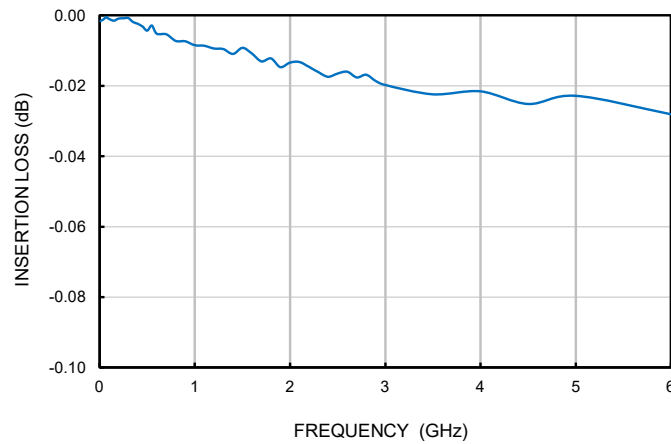
Adapter

DINF-NM+

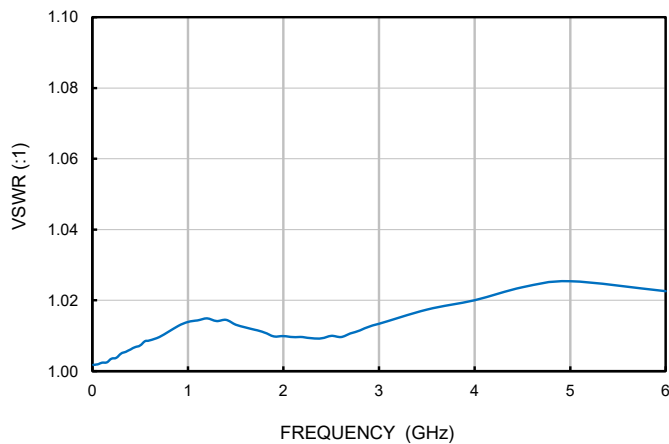
50 Ω DC to 6 GHz DIN Female to N-Type Male

TYPICAL PERFORMANCE GRAPHS

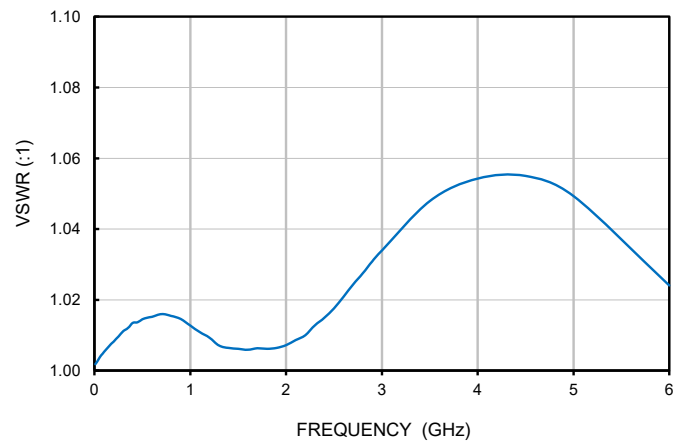
INSERTION LOSS (+25 °C)



DIN FEMALE VSWR (+25 °C)



N MALE VSWR (+25 °C)

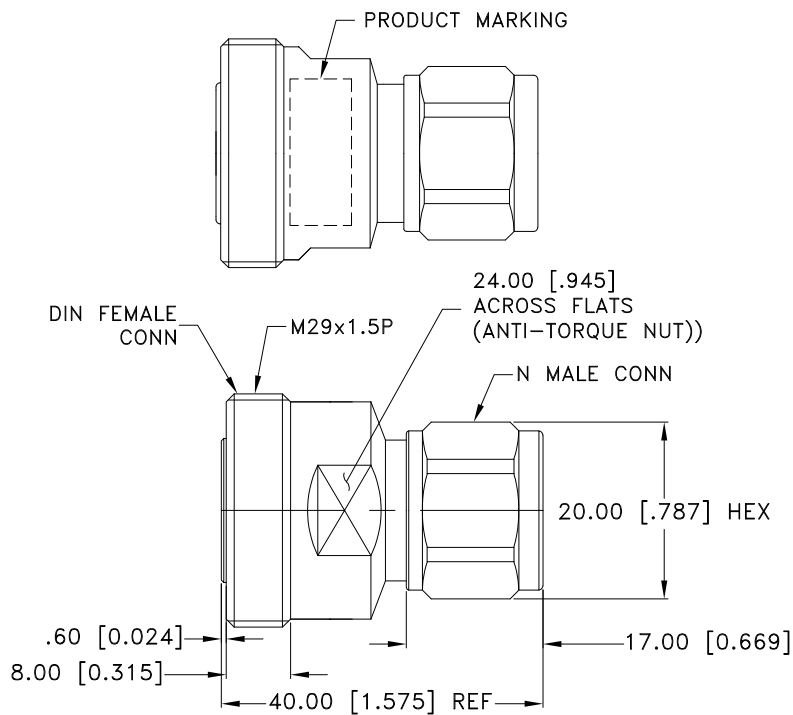




CONNECTOR SPECIFICATIONS

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

CASE STYLE DRAWING



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

PRODUCT MARKING*: DINF-NM+

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



COAXIAL

Adapter

DINF-NM+

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

ADDITIONAL INFORMATION IS AVAILABLE ON OUR DASHBOARD

[CLICK HERE](#)

Performance Data & Graphs	Data
	Graphs
	S-Parameter (S2P Files) Data Set (.zip file)
Case Style	DJ3843-1
RoHS Status	Compliant
Environmental Ratings	ENV152

NOTES

- 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.
- Electrical specifications and performance data contained in this specification document are based on Mini-Circuits' applicable established test performance criteria and measurement instructions.
- 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

