

Broadband Gain Horn Antenna Operating From
1 GHz to 18 GHz With a Nominal 11 dB Typical
Gain With N Female Input Connector

SH0118N



Configuration

Design	Broadband Standard Gain Horn
Pattern	Directional
Polarization	Linear
Antenna Design Type	Waveguide Horn
Antenna Type	Linear
Band Type	Linear
RF Connector	N Female

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	1		18	GHz
Nominal Gain		11		dB
Gain				dB
VSWR		1.5:1	2.2:1	
Input Power (CW)			300	Watts

Mechanical Specifications

Size	
Length	9.606 in [243.99 mm]
Width	6.457 in [164.01 mm]
Height	8.031 in [203.99 mm]
Weight	2.97 lbs [1.35 kg]
Interface	
RF Connector	N Female

Environmental Specifications

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

Plotted and Other Data

Notes:

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Typical Performance Data



Markers

M1 - 1 GHz, 1.52:1 VSWR

M5 - 2 GHz, 2.00:1 VSWR

M2 - 6 GHz, 1.57:1 VSWR

M3 - 12 GHz, 1.52 VSWR

M4 - 18 GHz, 1.58 VSWR

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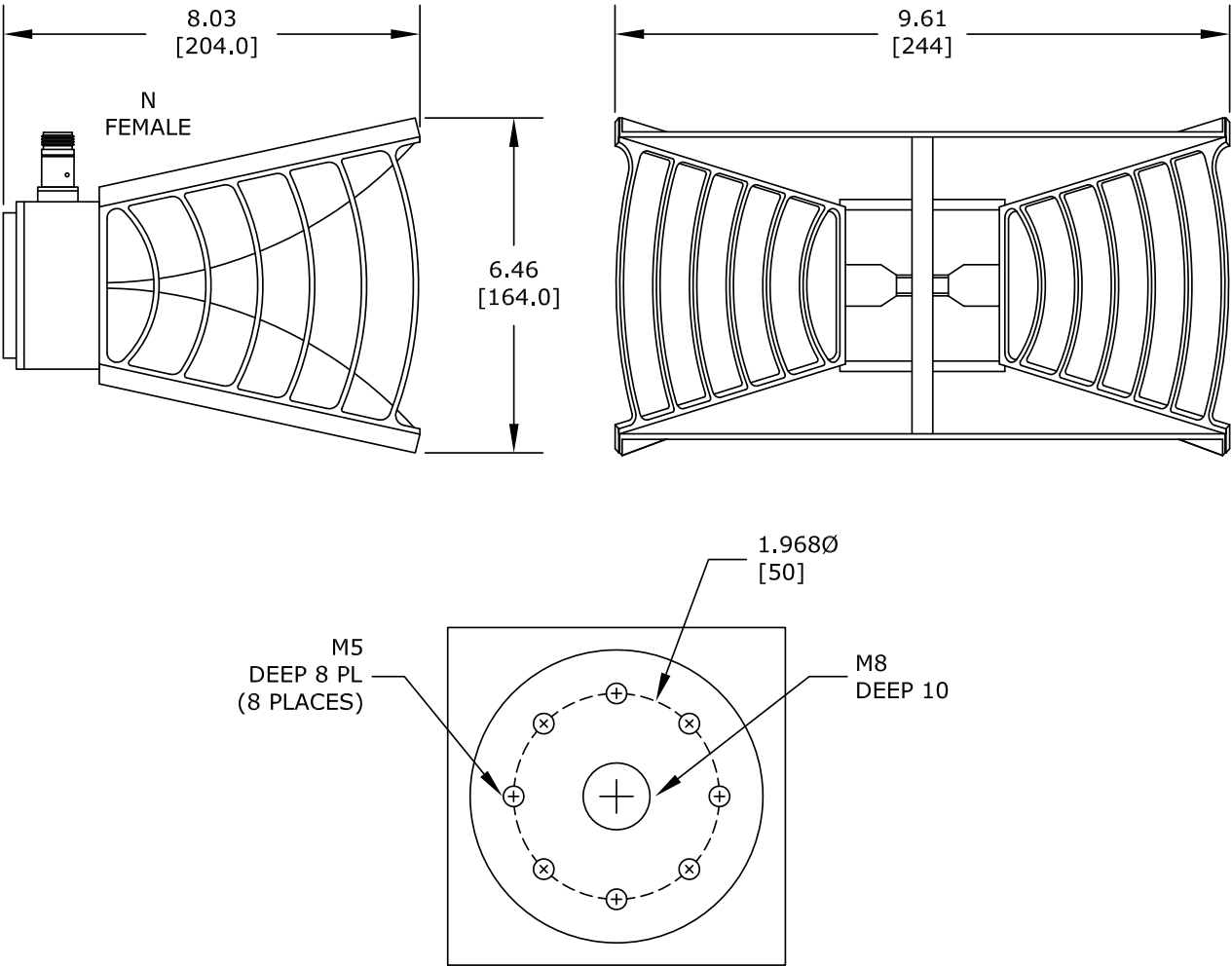
For additional information on this product, please click the following link: [Broadband Gain Horn Antenna Operating From 1 GHz to 18 GHz With a Nominal 11 dB Typical Gain With N Female Input Connector SH0118N](https://www.fairviewmicrowave.com/waveguide-horn-broadband-band-antenna-11-db-n-female-sh0118n-p.aspx)

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SH0118N CAD Drawing

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TITLE	DWG NO		CAGE CODE		
	SH0118N		3FKR5		
	CAD FILE	022114	SHEET	SCALE	N/A
				SIZE	A
					2233