

## Gain Horn Antenna Operating From 700 MHz to 18 GHz With a Nominal 10 dBi Typical Gain With N Female Input Connector

### Configuration

Design	Broadband Standard Gain Horn
Pattern	Directional
Polarization	Linear
RF Connector	N Female



### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	0.7		18	GHz
Impedance		50		Ohms
Gain	1.4	10	15	dBi
Horizontal 3dB Beam Width		30		Degrees
Vertical 3dB Beam Width		48		Degrees
VSWR		1.6:1		
Input Power (CW)			300	Watts

### Mechanical Specifications

<b>Size</b>	
Length	8 in 203.2 mm
Width	9.5 in 241.3 mm
Height	5.5 in 139.7 mm
Weight	3.5767 lbs 1.62 kg
Body Material and Plating	Aluminum, Stainless Steel
RF Connector	N Female

### Environmental Specifications

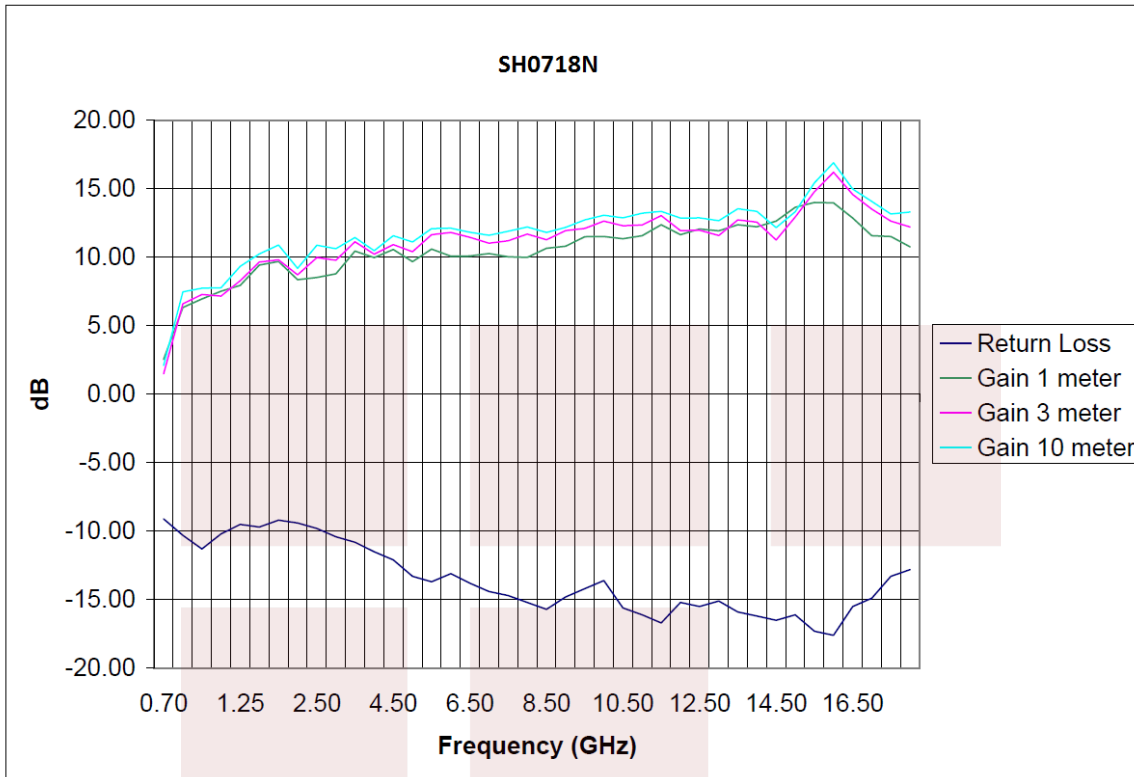
**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

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**Typical Performance Data**

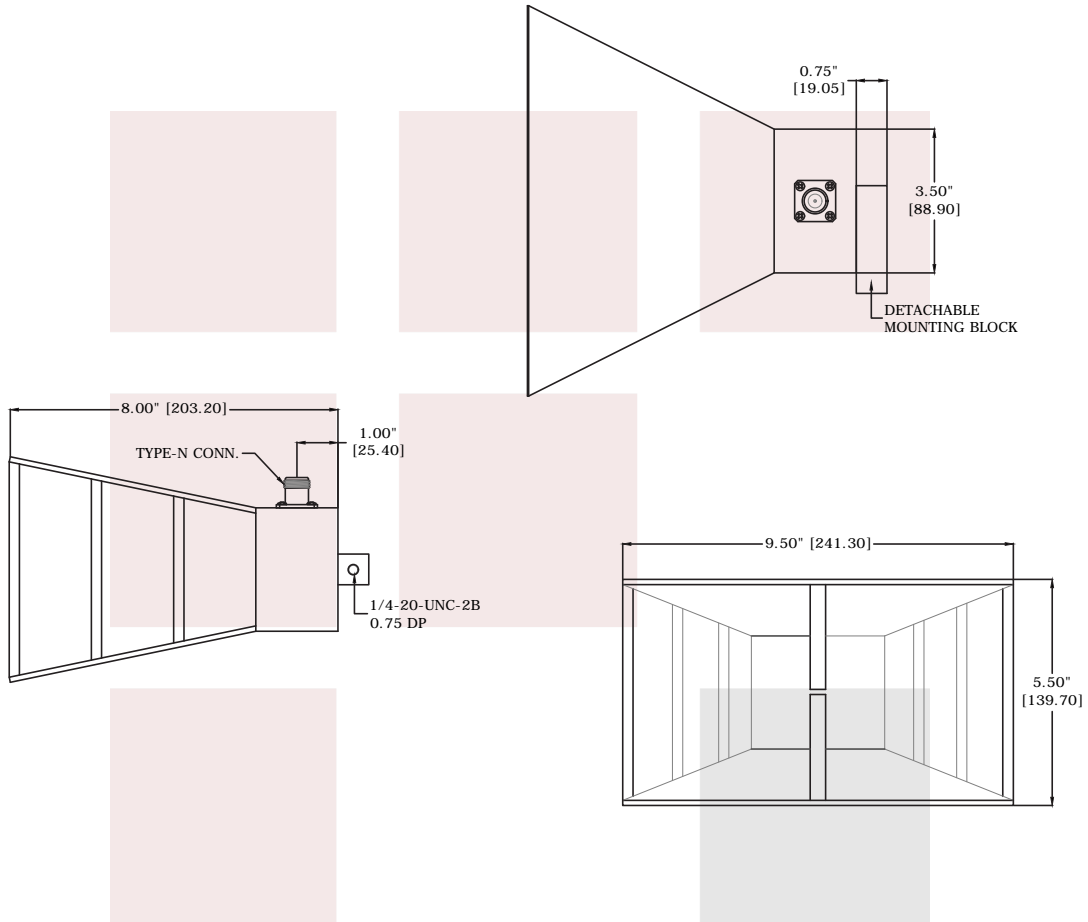


Gain Horn Antenna Operating From 700 MHz to 18 GHz With a Nominal 10 dBi Typical Gain With N Female Input Connector from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Gain Horn Antenna Operating From 700 MHz to 18 GHz With a Nominal 10 dBi Typical Gain With N Female Input Connector SH0718N](https://www.fairviewmicrowave.com/gain-horn-700-mhz-18-ghz-15-db-n-db-sh0718n-p.aspx)

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TITLE Gain Horn Antenna Operating From 700 MHz to 18 GHz With a Nominal 10 dBi Typical Gain With N Female Input Connector		DWG NO <b>SH0718N</b>		CAGE CODE <b>3FKR5</b>	
		CAD FILE 011415	SHEET	SCALE N/A	SIZE A