





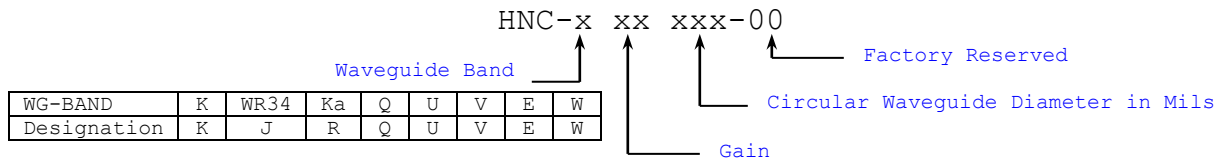
Section 7-1: Rectangular and Conical Gain Horn Antenna  
[www.3jmicrowave.com](http://www.3jmicrowave.com) Frequency Coverage: 18 to 110 GHz

**HNC Series Standard Conical Gain Horn Antennas Specs:**

<b>Model Number*</b>	HNC-xxxxxxx-00							
<b>WG Band</b>	WR-42	WR-34	WR-28	WR-22	WR-19	WR15	WR-12	WR-10
<b>Frequency Range (GHz)</b>	18-26.5	22-33	26.5-40	33-50	40-60	50-75	60-90	75-110
<b>Band Width (GHz)</b>	Full Waveguide Band							
<b>Gain (dB)</b>	15, 20 and 25							
<b>Beam Width (°)</b>	E-Plane							
	H-Plane							
<b>Side Lobes (dBc)</b>	E-Plane							
	H-Plane							
<b>Return Loss (dB)</b>	- 20.0							
<b>WG Flange</b>	UG595/U	UG595/UM	UG599/U	UG383/U	UG383/UM	UG385/U	UG387/U	UD387/UM
<b>Outline</b>								

\* Please see "how to order" for the model number details

**How to Order:**



**Model No. Example:**

Model Number of a W-Band 25 dB Conical Gain Horn Antenna with Diameter of 219 mils:

**HNC-W25219-00**

**Outlines:**

See Section 7-2, Page 7-3 for the outline details