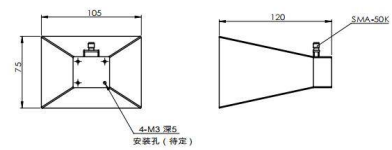


2–18 GHz Broadband Horn Antenna, Vertical Linear Polarization

The antenna covers 2–18 GHz with vertical linear polarization. Gain varies with frequency from 5.5 to 18 dBi and is greater than 9 dBi at 3.6 GHz.



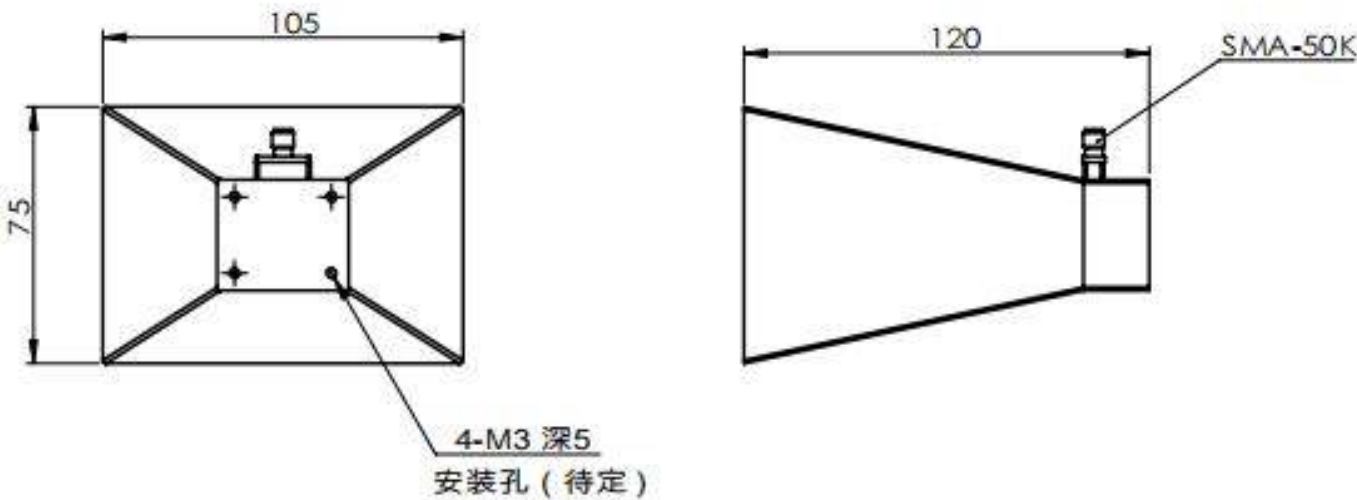
Electrical specifications

Parameter	Value	Unit	Notes
Frequency range	2–18	GHz	Minimum: 2 GHz. Maximum: 18 GHz.
VSWR	≤2.0:1	-	Typical bounded value; not a guaranteed maximum. Typical: 2.
Polarization	Vertical linear polarization	-	-
Gain	5.5–18	dBi	Frequency dependent.
Gain at 3.6 GHz	>9	dBi	Strictly greater than the stated value. 3.6 GHz
RF connectors	SMA-50K — Female	-	-

Mechanical specifications

Parameter	Value	Unit
Dimensions	≤105 × 75 × 120 (Mounting structure excluded from stated dimensions)	mm
Weight	≤200 (Maximum: 200 g.)	g
Mounting structure	Mounting structure excluded from stated dimensions	-

Mechanical Outline



All dimensions are in mm [in].

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.