

ARCS-High Gain Directional Antenna

High Gain, Wall Mount, Directional Antenna.

Ideally suited for ARCS DAS applications where high gain and wide in-building coverage is required. Works in conjunction with HiRiseTech's 'Smart Splitter' in order to provide Antenna health monitoring (integrity).

The Directional Antenna has high reliability, high gain, Low VSWR and is UL compliant. Designed for the 400-490MHZ band.



Ordering information

P/N HRT2004ANT0010

Electrical

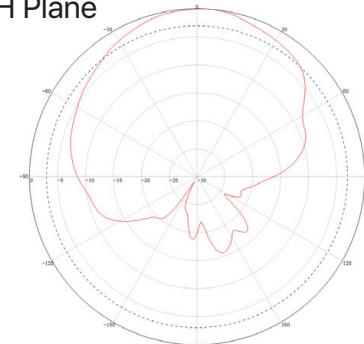
Frequency range	400-490 MHz
Bandwidth	20 MHz
Polarization	Vertical
VSWR	≤2.0
Gain	6 dBi @ 485 MHz
Horizontal half power Beam width	85°
Vertical half power Beam width	120°
Front to back Ratio	>15 dB
Average Power, Maximum	100 W
Impedance	50 Ω
Grounding	DC Ground

Mechanical

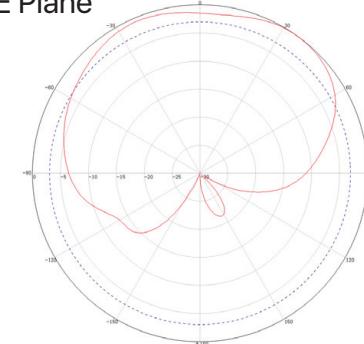
Dimensions	8.74" x 7.52" x 1.89"
Packing Dimensions (H x W x L)	11.81" x 11" x 2.75"
Net Weight (with installation kit)	1.1 lb
Packing Weight	1.54 lb
Flammability	UL94-V0
Application	Indoor
Mounting Option	Wall Mount
Operating Temperature	-40°C to +70°C
Humidity	5% to 95%
Connector	N Female
Mounting Accessories included	wall mount bracket
Radom color	White

Radiation Pattern @ 485MHz:

H Plane



E Plane



FCC ID: 2ASFAHRT2000SYS0020



HiRiseTech Ltd.

Email: info@hirisetech.com

Tel: 646-326-6225

30 Stewart Street

Hewlett, New York 11557, USA