



Epsilon 10 Microdesign

C4060xx.16

4.0 - 6.0 GHz 16 dB Chalice Horn

The C4060xx.16 is a wideband circularly symmetric conical horn antenna available in linear, vertical/horizontal, or RHCP/LHCP polarities. It sports 16 dB gain with low sidelobes and high front to back ratio. The CP version contains an internal 90° hybrid. Mounting is provided via an integrated bracket designed for tripod or flange installations. Applications include UAV, relay, surveillance, standard gain horn, and as an acquisition antenna in tracking systems.



SPECIFICATIONS	
CH4060.16	4.0-6.0 LINEAR
CH4060RL.16	4.0-6.0 RHCP/LHCP
CH4060HV.16	4.0-6.0 HOR/VERT
Gain @ 5.0 GHz:	16.0 dBi
HPBW H-plane	29°
HPBW E-plane	29°
First SL H-plane	none
First SL E-plane	16 dBc
Axial Ratio	< 1 dB
VSWR	1.8 : 1
Power	40W cw
Weight	15 oz
Finish	White Polyurethane
Mount	1/4-20 UNC PEM Nut

