



Epsilon 10 Microdesign

C1727xx.16

1.7 – 2.7 GHz 16 dB Chalice Horn

The C1727xx.16 is a wideband circularly symmetric horn antenna available in linear, vertical/ horizontal, or RHCP/LHCP polarities. Because of its very low sidelobes and axial ratio, the 16 dB version is often used as a standard gain horn. The 10 dB versions can be used as feedhorns in offset and symmetrical reflectors. A tripod mount bracket is included. The C1727xx.16's performance, light weight, and low cost make it an ideal choice for ENG, relay, and network applications.



SPECIFICATIONS	
CH1727.16	1.7-2.7 LINEAR
CH1727RL.16	1.7-2.7 RHCP/LHCP
CH1727HV.16	1.7-2.7 HOR/VERT
Gain @ 2.1 GHz:	15.7 dBi
HPBW H-plane	31°
HPBW E-plane	31°
First SL H-plane	none
First SL E-plane	28 dBc
Axial Ratio	< 1 dB
VSWR	1.2 : 1
Power	40W cw
Weight	20 oz
Finish	White Polyurethane
Mount	1/4-20 UNC PEM Nut

