



Epsilon 10 Microdesign

C1727xx.10

1.7 – 2.7 GHz 10 dB Chalice Horn

The C1727xx.10 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.10's performance, light weight, and low cost make it an ideal choice for ENG, relay, and network applications.



SPECIFICATIONS	
CH1727.10	1.7-2.7 LINEAR
CH1727RL.10	1.7-2.7 RHCP/LHCP
CH1727HV.10	1.7-2.7 HOR/VERT
Gain @ 2.1 GHz:	11 dBi
HPBW H-plane	52°
HPBW E-plane	52°
First SL H-plane	none
First SL E-plane	26 dBc
Axial Ratio	< 1.5 dB
VSWR	1.2 : 1
Power	40W cw
Weight	< 12 oz
Finish	White Polyurethane
Mount	1/4-20 UNC PEM Nut

