

FRF-130 DATA SHEET



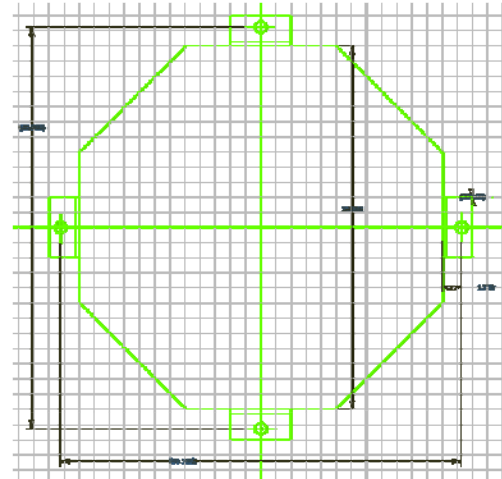
FRF-130 Individual LP Antenna

Description:

The FIRST RF Corporation FRF-130 is a Multi-Faceted, FM, Log Periodic Antenna. The antenna system consists of an array of eight, removable, log periodic antennas, mounted on an octagonal-shaped structure.

Each facet of the octagon accepts one antenna when they are arrayed in either a horizontal or vertical polarization orientation. The individual LP antennas are cable fed and accessed at an eight connector, bulkhead connection point approx. 18" above the base of the structure on the number one facet of the octagon.

The octagonal structure includes a four-point mounting pattern at the base and lifting provisions near the top of the structure. The antenna system is suitable for installation on land, towers or fixed sites.



Octagon Mounting Fixture

Performance Overview:

Frequency Range: 88 to 108 MHz

VSWR: <2:1

Number of Elements: 7

Number of LP Antennas: 8

Polarization: Horizontal or Vertical

Mechanical Overview:

Connectors: N Type Female (8)
(Bulkhead Mount)

Physical Dimensions (max):

Individual LP Antenna: 63" long x 73" wide

Structure: 25" across flats x 85" tall

Mounting: 4 hole on 26.5" centers

Antenna Weight: approx. 75 lbs.