FPA-218
Flat Panel Antenna

Description
This antenna is a vertically polarized, flat panel antenna which provides high-level performance in a unique design that allows it to fit where no other antennas are able. Designed to minimize space while maximizing transmission or detection. Easy to install and provides exceptional coverage across an ultra-wide frequency range. This system is excellent for ELINT/SIGINT requirements over a broad band. The -2 version provides a dual output and -3 provides a three output system.

Specifications

Electrical
Frequency Band
- 20 - 1000 MHz (FPA-218-2)
- 1000 – 18000 MHz
- 20 – 400 MHz (FPA-218-3)
- 400 – 2500 MHz
- 2500 – 18000 MHz

Gain
- -15 dBi @ 100 MHz
- 0 dBi @ 200+ MHz

Polarization
Linear (Vertical)

Connector
Type N or TNC Female (Optional)
SMA Female (Standard)

Pattern
Omni-Directional (Az)

Mechanical
Weight
2.5 lbs

Dimensions
L 13.8”, W 13.8”, 0.70” Thk

Finish
White (Standard)

Temperature
-40° C to + 85° C

Vibration
RTCA/DO-160 C