

# 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

