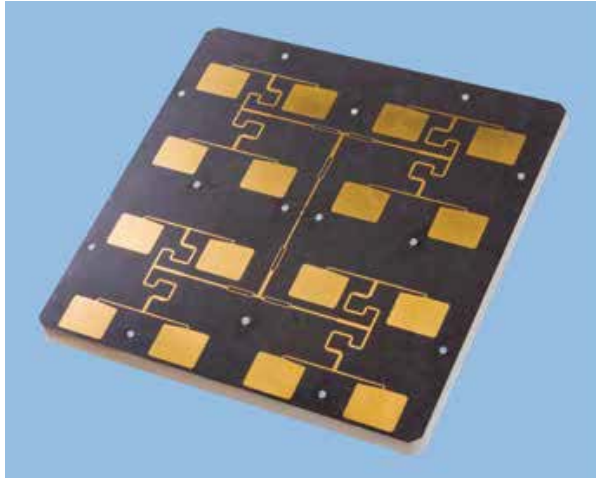




L/S-Band Flat Panel Antenna



- The TECOM L/S-Band Flat Panel Antenna (LSFPA) was developed as a field replacement for the currently-employed MDAS L-Band panel.
- The LSFPA extends the lower L-Band frequency range to accommodate Digital Data Link (DDL). Other data links, operating up to 2500 MHz, can also be supported.
- The L/S-Band Flat-Panel Antenna can be used as a standalone antenna for other L/S-Band receive and/or transmit applications.
- Optional PCS-band notch filter is available.
- Integrated LNA is available for receive-only applications.

DATA LINK

Specifications	
Frequency Range	1,625-2,500 MHz
Element Geometry	4 x 4
L-Band Gain (dBi)	+13 dBi min. from 1625-1710 MHz +14 dBi min. from 1710-1850 MHz
L-Band Beamwidth	25° nominal @ mid band
S-Band Gain (dBi)	+15 dBi min. from 2200-2500 MHz
S-Band Beamwidth	22° nominal @ mid band
Polarization	Linear
Power Handling	100 watts CW
Approximate Size	12" x 12" x 1.375"
RF Connector	SMA

Innovative Antenna Solutions