

## New: Two in One Amplifier Solution

# Dual L/S-Band Outdoor SSPA

1.75 to 2.12 GHz



High Power  
Outdoor SSPA Enclosure

Compact Outdoor  
SSPA Enclosure

**Teledyne Paradise Datacom's Dual L/S-Band** solid state power amplifier (SSPA) offers customers a virtual "two for the price of one" amplifier solution that dramatically lowers the costs of command and control, leaves a much smaller footprint, while also delivering higher reliability compared to traditional klystron power amplifiers.

This SSPA is an ideal fit for both Military and Commercial command and control environments. The L/S-band SSPA provides the high reliability of solid state technology required to support critical communications between the earth and satellites, and does so in a rugged outdoor-rated enclosure.

This amplifier is available in both the popular Compact Outdoor SSPA enclosure and the High Power Outdoor enclosure for higher power levels. Utilizing the latest in linearized GaN amplifier module technology, these SSPAs can achieve the highest power densities in the industry. By utilizing an all GaN semiconductor design along with proprietary linearization techniques, the outdoor amplifiers simultaneously provide excellent linear output power along with industry leading efficiency.

All Teledyne Paradise Datacom SSPAs have a full complement of local and remote control capability. The remote control capabilities include: RS485/RS232 serial control, and Ethernet including SNMP, UDP, and internal web browsing. Discrete hardware control, Form C contact alarms and opto-isolated inputs are also included.

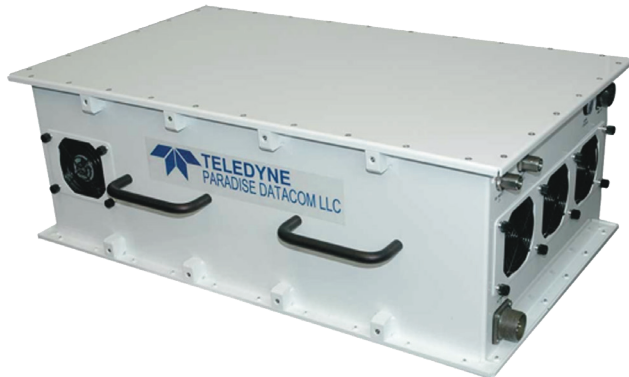
### FEATURES & BENEFITS

- For defense and commercial command and control environments
- Higher reliability compared to Klystron power amplifiers
- Supports critical communications
- Rugged outdoor-rated enclosure
- Highest power densities
- Simultaneously provides excellent linear output power and industry leading efficiency.

# Dual L/S-Band Outdoor SSPA

1.75 to 2.12 GHz

## High Power Outdoor SSPA Enclosure

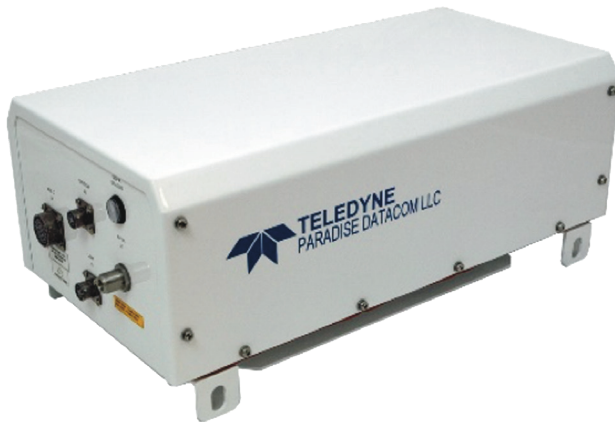


Power levels to 800W available in the High Power Outdoor package. See the GaN High Power Outdoor SSPA datasheet (211669) for a full list of operational specifications.



Scan or click code to view  
High Power Outdoor SSPA datasheet

## Compact Outdoor SSPA Enclosure



Power levels to 400W available in the Compact Outdoor package. See the GaN Compact Outdoor SSPA datasheet (209555) for a full list of operational specifications.



Scan or click code to view  
GaN Compact Outdoor SSPA datasheet

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