



## IN-FLIGHT CONNECTIVITY

Designed for high performance, and reliability.  
Our industry leading family of IFC products include:

### 25W Ka Band Aerostream Transceiver\*

- Model Number: AJT25A10A
- Saturated Output Power: +44 dBm
- Linear Output Power: +41.4 dBm
- 19" L \* 9.1" W \* 3.6" H; 15.5 lbs



### 25W Ku Band Aerostream Transceiver\*

- Model Number: UET25A00
- Saturated Output Power: +44 dBm
- Linear Output Power: +41.4 dBm
- 17.5" L \* 13.6" W \* 2.5" H; 21 lbs



### 40W Ku Band Aerostream Transceiver\*

- Model Number: UET40A00
- Saturated Output Power: +47 dBm
- Linear Output Power: +44 dBm
- 18.2" L \* 12.8" W \* 3.6" H; 15.5 lbs



### 50W Ku Band Aerostream Transceiver\*

- Model Number: UET 50A09A
- Saturated Output Power: +47 dBm
- Linear Output Power: +44 dBm
- 18.2" L \* 12.8" W \* 3.6" H; 15.5 lbs



## DEFENSE

Designed to withstand harsh environments.  
Our family of Defense products include:

### 12W Ka Wideband GaN Mini Matchbox BUC

- Model Number: MMB-KAD012
- Saturated Output power: 40.8 dBm (NOM)
- Linear Output Power: 38.5 dBm
- 9" L \* 3.6" W \* 2.4"H, 3.5 lbs (1.6Kg)



### 20-40W Ka Matchbox BUC

- Model Number: ADB20G00A/ADB40G00A
- Saturated Output power: +43 dBm (20 Watts) +46 dBm (40 Watts)
- Linear Output Power: +40 dBm (20 Watts) +43 dBm (40 Watts)
- 14.3" L \* 5.5" W \* 4.1"H, 14 lbs



### 60W Ku BUC

- Model Number UEB60G00A
- PEP Output power: +47.8 dBm
- Linear Output Power: +45 dBm
- 10.3" L \* 5.4" W \* 4.4"H, 7.2 lbs



### 100W Ku Powerstream GaN Amplifier

- Model Number: UEA100G00A
- Saturated Output power: +50 dBm
- Linear Output Power: +46 dBm
- 16.8" L \* 8.0" W \* 5.2"H, 20.5 lbs



### 80W X Band Matchbox BUC

- Model Number: MBB-XDS080
- Saturated Output power: +49 dBm
- Linear Output Power: +47 dBm
- 11" L \* 5.4" W \* 4.4"H, 11 lbs



## GATEWAY

Designed for next generation requirements.  
Our family of Gateway products include:

### 160W Ka Wideband BUC

- Model Number ANB160G03A
- Peak Envelope Power: 160 Watts
- Linear Output Power: 65 Watts
- Output frequency: 27.5 GHz – 30.0 GHz
- 16.4" L \* 10.4" W \* 8.2" W; 42 lbs



The gateway market is evolving with the emergence of new MEO and LEO networks to augment existing GEO networks. The introduction of high power GaN MMIC chips has provided the ability for SSPAs to satisfy the needs of these new networks. Wavestream is engaged with customers in this market to introduce new products for the evolving demand of this market. These products also include amplifiers for Q/V band frequency ranges and amplifiers with either higher or lower power levels.

\* Qualified to DO-160G environmental requirements