

SATELLITE MODEM: A3LA-RS

Key Features

- Low cost
- Small form factor
- Data-only modem capable of SBD, SMS, data switch and RUDICS.
- Does not support voice
- RS-232 interface
- Functionally is the same as the 9522B
- ~70% smaller in volume than the 9522B
- ~70% lighter than the 9522B

Description

The A3LA-RS is a satellite modem comprised of an Iridium 9523 transceiver. It allows SBD, SMS, data switch and RUDICS connectivity to the Iridium satellite network. It does not support voice.



A3LA-RS Specifications

Mechanical

| | |
|-----------------------|---|
| Dimensions: | 3.63" x 1.88" x 0.92" (92 mm x 48 mm x 23 mm) |
| Weight: | ~4.3 ounces (122 g) |
| Data/Power Interface: | 15-Pin D-Sub |
| Antenna Interface: | SMA female connector |
| Enclosure: | Hard-anodized aluminum (EMI/EMC shielded) |

Electrical

| | |
|----------------------|--------------|
| Input Voltage Range: | 3.5V to 5.4V |
| Nominal Input: | 5VDC |
| Idle Power: | 60mA @ 5V |
| Transmitted Power: | 350mA @ 5V |

RF Boards

| | |
|----------------------|--------------|
| Iridium Transceiver: | Iridium 9523 |
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Environmental

| | |
|------------------------|----------------------------------|
| Operating Temperature: | -22°F to +158°F (-30°C to +70°C) |
| Operating Humidity: | < 75% RH |



POWERED by the **IRIDIUM NETWORK**



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