

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



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