

A3LA-RS



2024-11 v2

Dependable Iridium® communications solution

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.



- 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 volumethan the 9522B
- ~70% lighter than the 9522B



Empowering Data Connectivity, Everywhere.

A3LA-RS TECHNICAL SPECIFICATIONS

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MECHANICAL		
Dimensions (L x W x H)	92 x 48 x 23 mm	3.63 x 1.88 x 0.92 in
Weight	122 g	4.3 oz
Data/Power Interface	15-Pin D-Sub	
Antenna Interface	SMA female connector	
Enclosure	Hard-anodized aluminum (EMI/EMC shielded)	
ELECTRICAL		
Input Voltage Range	3.5 V to 5.4 V	
Nominal Input	5 VDC	
Idle Power	60 mA @ 5 V	
Transmitted Power	350 mA @ 5 V	
RF BOARDS		
Iridium Transceiver	Iridium 9523	
ENVIRONMENTAL		
Operating Temperature	-30 °C to 70 °C	-22 °F to 158 °F
Operating Humidity	< 75% RH	

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