

NEWSPACE MARKET · COMPANY PROFILE



Arralis

Ireland · arralis.com

7

PRODUCTS

5

WITH DATASHEETS

newspacemarket.com/companies/arralis/

as of 20 August 2026

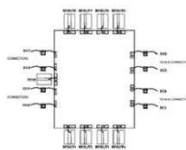
Arralis

Arralis (Limerick/Belfast, Ireland) is a developer of millimeter-wave and RF/microwave MMICs, modules, phased-array antennas, and radar/communications front-end systems spanning K/Ka/E/W-band, serving satellite, aerospace, defense, and 5G/automotive markets.

Note: as of 2026, arralis.com appears to have lapsed (no live content since March 2024, domain now resolves to parking IPs) with no confirmed successor site found. A 2023 acquisition announcement by ReliaSat was later withdrawn. Logo and card image sourced from Internet Archive captures of the real site pending a working live domain.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

Product catalogue



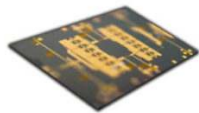
ARRALIS

E-Band SP8T RF Switch MMIC E-SP8T-7681

The E-SP8T-7681 is a GaAs Schottky diode MMIC single-pole 8-throw RF switch covering 76-81 GHz with 4.5-5 dB insertion loss, 20-25 dB isolation, and 22 dBm power handling for autom

Technology	GaAs Schottky Diode MMIC
Frequency	76-81 GHz
Switch Configuration	SP8T (single-pole 8-throw)
Insertion Loss	4.5-5 dB
Isolation	20-25 dB
Power Handling	22 dBm
Bias Voltage	-1.2 to +0.8 V

[price on request](#) [datasheet](#)



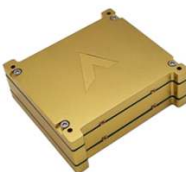
ARRALIS

K/Ka-Band Low Noise Amplifier MMIC KKa-LNA-1929

The KKa-LNA-1929 is a GaAs pHEMT 3-stage MMIC low noise amplifier covering both 17-21 GHz (K-band) and 27-31 GHz (Ka-band), providing 20 dB gain and 2.5 dB noise figure in a bare d

Technology	GaAs pHEMT MMIC, 3-stage
Frequency	17-21 GHz (K-band) and 27-31 GHz (Ka-band)
Gain	16-24 dB (typ. 20 dB)
Noise Figure	2.5-3.2 dB
Supply Voltage	4-6 V
Supply Current	41-132 mA
Input/Output Impedance	50 Ohm

[price on request](#) [datasheet](#)



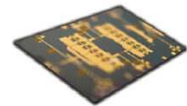
ARRALIS

K/Ka-Band SATCOM Transceiver Module KKa-TR-DL-1929

The KKa-TR-DL-1929 is a compact K/Ka-band SATCOM transceiver module with TX at 17-21 GHz and RX at 27-30 GHz, delivering 20 dBm linear output power, 2.5 dB noise figure, and sub-6

TX RF Frequency	17-21 GHz
RX RF Frequency	27-30 GHz
TX IF Frequency	1-5 GHz
RX IF Frequency	1-4 GHz
LO Reference	100 MHz external
TX Output Power (linear)	20 dBm
TX Conversion Gain	23-27 dB

[price on request](#)



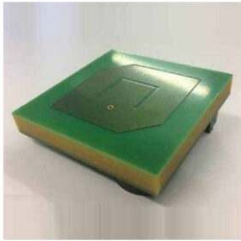
ARRALIS

Ka-Band Analog Phase Shifter MMIC Ka-PS-2533

The Ka-PS-2533 is a GaAs diode MMIC analog phase shifter covering 25.5-32.5 GHz with a full 360-degree phase variation, designed for phased array beam steering in Ka-band satellite

Technology	GaAs Diode MMIC (analog)
Frequency	25.5-32.5 GHz
Phase Variation	0-360 degrees
Insertion Loss	5-10 dB
Phase Tracking	+/-25 degrees
Control Voltage	-0.5 to +0.7 V
Supply Voltage	2 V

[price on request](#) [datasheet](#)



ARRALIS

Multiband GNSS Module with Antenna M-GNSSB-ANT-RX

The M-GNSSB-ANT-RX is a compact integrated multiband GNSS antenna and receiver module supporting GPS L1 and BeiDou B1 with 2-3 dB antenna gain, RTK capability, UART and RS-485 inte

GNSS Bands	GPS L1, BeiDou B1 (1560-1610 MHz)
Antenna Gain	2-3 dB
Correction Technology	RTK (Real-Time Kinematic)
Supply Voltage	3.3-5 V
Current Consumption	25 mA
Data Interfaces	UART, RS-485
Dimensions	58 x 58 x 9 mm

price on request [datasheet](#)



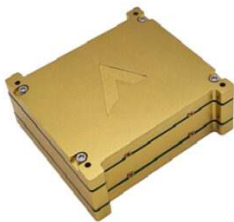
ARRALIS

Multiband GNSS OEM Receiver Board M-GNSSB-RX

The M-GNSSB-RX is a compact multiband GNSS OEM receiver board supporting GPS L1 and BeiDou B1 with RTK correction capability, UART and RS-485 interfaces, and 3.3-5 V supply for def

GNSS Bands	GPS L1, BeiDou B1 (1560-1610 MHz)
Correction Technology	RTK (Real-Time Kinematic)
Supply Voltage	3.3-5 V
Current Consumption	25 mA
Data Interfaces	UART (3.3 V), RS-485 (5 V)
Form Factor	OEM board

price on request [datasheet](#)



ARRALIS

X-Band SATCOM Transceiver X-TR-DL-78

The X-TR-DL-78 is a compact X-band SATCOM transceiver covering TX 8-8.5 GHz and RX 7-7.5 GHz, delivering 1 W linear / 2 W saturated output power with a 1.8 dB noise figure, suitabl

TX Frequency	8-8.5 GHz
RX Frequency	7-7.5 GHz
TX IF Frequency	200-700 MHz
RX IF Frequency	200-700 MHz
LO Reference	10 MHz
TX Output Power (linear)	1 W (30 dBm)
TX Output Power (saturated)	2 W (33 dBm)

price on request

Contact Arralis

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/arralis/>

<https://www.arralis.com/>