

# SATEL SATELLINE 3ASd Radio Modem



## GENERAL DESCRIPTION

The SATELLINE-3AS is a half-duplex radio modem suitable for a variety of data transfer applications, in particular ones demanding high speed and precision. In addition to the maximum data speed 19.2 kbps and channel spacing 25 kHz or 12.5 kHz, it offers a number of features and functions.

Message Routing is a new feature in SATELLINE-3AS modems, which makes it easier to build up a large radio modem network. The SATELLINE-3AS software includes a selectable error correction, which improves the functioning of the radio modem under interference.

SATELLINE-3AS is compatible with the interface types RS-232, RS-422 and RS-485. Without changing the hardware all the parameter settings of the radio modem can be modified through the interface from a PC.

The model SATELLINE-3ASd is equipped with a LCD display of its own, which facilitates programming of the radio modem.



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Accredited to BS EN ISO 9001:2000

# SATEL SATELLINE 3ASd Radio Modem

## TECHNICAL SPECIFICATIONS

<b>Weight:</b>	14oz.
<b>Dimensions:</b>	5.5in. / 2.75in. / 1.0in. (base)
<b>Frequency Range:</b>	380 ... 470 MHz
<b>Channel Spacing:</b>	12.5kHz / 25 kHz
<b>Channels:</b>	160 / 80
<b>Carrier Power:</b>	10mW ... 1W / 50 ohm
<b>Communication Mode:</b>	Half-duplex
<b>Sensitivity:</b>	< -116 ... -110 dBm
<b>Co-Channel Rejection:</b>	> -12 dB
<b>Modem Interface:</b>	RS-232, RS-485, or RS-422
<b>Modem Interface Connector:</b>	D 15, female
<b>Data Speed:</b>	(RS) 300 - 38400 bps
<b>Data Speed (Wireless):</b>	19200 (25 kHz channel) 9600 (12.5 kHz channel)
<b>Data Formats:</b>	Asynchronous data
<b>Operating Voltage:</b>	+9 ... +30 Vdc
<b>Power Consumption:</b>	1.8 VA (Receive) 6.0 VA (Transmit) 0.05 VA (DTR @ "0")

Antenna Connector TNC 50 ohm female

Marketed By



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