



Spread Spectrum Radio Modems



The EIT radio modem provides serial communications link between RS 232 devices. One special feature of the EIT radio is that the remote end can be configured to operate in a very low power state drawing just 2 mAmps. This feature is ideal where power requirements are of consideration. The radio is supplied standard with 5 dB Omni directional antenna with 5 meters of cable. The radio modem can optionally be fitted with high gain directional Yagi antennas.

This radio has very high receive signal sensitivity allowing considerable transmission distances to be achieved on low transmission power. The radio can be used for 'licence free' data transfer and complies with the Australian and United States regulations for licence free, low interference producing devices.

Product code	SS 900 RFM
Radio frequency	902 - 928 (USA) 918 - 928 (Australia)
Type	Frequency Hopping Spread Spectrum Transceiver
Frequency Control	Direct FM
Serial Interface Rate	9600 bps (baud)
Transmit Power Output	100 mW
Certificates US FCC ID	OUR9XTREAM
Range	=> 5 kms (line of sight – open country low interference environments)
Operating voltage	12 VDC nominal
Power requirements	2 milliamperes (standby sleep mode)
Transmit power	50 milliamperes
Size	55 mm * 90 mm * 25 mm
Weight	90 gms

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