



Radio Modem Product Comparison Table

	<u>ART</u>	<u>URT</u>	<u>SRT</u>	<u>ZRT</u>
<u>Bands Available</u>				
170MHz version	•		•	•
220MHz version	•		•	•
450MHz version	•	•	•	•
800/900MHz version	•		•	•
<u>RF Configurations</u>				
Half Duplex/Simplex	•	•	•	•
Full Duplex	•			
Dual Synthesizer	•			
<u>Traffic Configurations</u>				
Internal Modem	•	•	•	•
Balanced 600 ohm Audio interface for External Modem	•			
Un-balanced 600ohm Audio interface for External Modem		•		
Forward Error Corrector	•	•	•	•
Front Panel Frequency Selection	•	•	•	•
Software Programmable Frequencies	•	•	•	•
"Over-Air" Programmability of Power, Frequency, etc.	•	•	•	
<u>Front Panel Indications</u>				
Tx Active	•	•	•	•
Rx Busy	•	•	•	•
Tx Data	•	•	•	•
Rx Data	•	•	•	•
RTS	•	•	•	
CTS	•	•	•	
DCD	•	•	•	
RI	•		•	
DSR/DTR	•	•	•	
Alarm / System	•	•	•	•
<u>Approvals</u>				
Complies with ETS 300-220	•	•	•	•
Complies with ETS 300-113	•	•	•	•
Complies with UK MPT1329	•	•	•	•
Complies with UK MPT1411 / VNS2111	•	•	•	
<u>Other Features</u>				
User Programmable Over-Air Data Rate	•	•	•	•
ETS Compliant Over-Air Data Rates (in 12.5kHz channel)	150bps-9600bps	150bps-9600bps	150bps-9600bps	150bps-9600bps
DIN rail mountable	•	•	•	
Analogue RSSI output for antenna align/chart recorder	•	•		
Expansion Bus	•		•	
Store & Forward	•	•	•	
Range of Tx Powers	10mW-5W	10mW-5W	10mW-5W	10mW-5W
Rx Threshold for 12dB SINAD (de-emphasised)	-119dBm	-119dBm	-119dBm	-119dBm
Power Consumption (Receive)	100mA	70mA	70mA	70mA
Power Consumption (Sleep-mode)	150µA	75µA	75µA	75µA