


TC6 Ordering Information

June 2009

TC6 LF & HF Modem & ALE Controller Module

	Software Pack	Description	Stock Number
	M1	TC6 HF Data Module (Embd, S/W=M1)	RM-000-000-16M1
	Software Option (for M1)		
	ALE 2G, LP, S/W Option TC6		RM-000-000-04AD

TC6 Software Pack: M1 (LF & HF Modem)

Standard	Coding Modulation		Data Rates & Characteristics	Military Modem Software Pack
				M1
MIL-STD-188-110B Appendix C	C	PSK/	3200, 4800, 6400, 8000, 9600 bps	•
	U	QAM	12800 bps	•
STANAG 4539	C	PSK/	75, 150, 300, 600, 1200, 2400, 3200, 4800, 6400, 8000, 9600 bps	•
	U	QAM	12800 bps	•
MIL-STD-188-110B	C	PSK/	75, 150, 300, 600, 1200, 2400, 3200, 4800, 6400, 8000, bps	•
MIL-STD-188-110B Appendix F	C	PSK/	ISB: 9600, 12800, 16000, 19200 bps	•
MIL-STD-188-110A § 5.3	C	PSK	75, 150, 300, 600, 1200, 2400 bps	•
	U		4800 bps	•
STANAG 4415	C	PSK	NATO robust: 75 bps	•
STANAG 4285	C	PSK	75, 150, 300, 600, 1200, 2400 bps	•
	U		1200, 2400, 3600 bps	•
STANAG 4529	C	PSK	75, 150, 300, 600, 1200 bps	•
	U		600, 1200, 1800 bps	•
STANAG 4481 PSK	C	PSK	300 bps	•
STANAG 5065	C	FSK MSK	75 bps (FSK) 300 bps (MSK)	•
STANAG 4481 FSK	U	FSK	Single channel: 75 bps	•
			Multi-channel: 75 bps selectable carrier	•
FSK Variable	U	FSK	Data Rates: 50, 75, 100, 150, 200, 300, 400, 600, 1200 bps Mark & Space Frequency: 350 to 3000 Hz	•

For pricing information please contact:
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TC6 Software Option: 2G ALE Controller

Standard	Characteristics
MIL-STD-188-141B (2G ALE) Appendix A, B & FED-STD 1045 FED-STD 1049	Automatic Link Establishment 2nd Generation (2G ALE) Occupancy Detection: MS 110A/B, S 4539, S 4285, S 4415, S 4529, S 4481, FSK, 8-FSK, SSB Voice Protocol: Calling, AMD, DTM, Excluding: DBM, AQC-ALE <ul style="list-style-type: none">• Link Quality Analysis (LQA)• Scanning (2 or 5 channels per second)• Selective Calling• Automatic Sounding• Automatic Hand-Off to Internal Modem

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