	FR9010/FR9020	RFT Eclipse2
Modes		
Analog Repeater	X	X
P25 Repeater	X	X
Analog Base	X	X
P25 Base	X	X
Paging in all bands (POCSAG)	X[3]	X
Upgrade Migration		
Field-flash P25		X
Modular, hot-swap[5]		X
Field-reconfig[6]	X	X
Common HW for all formats[7]	X[1]	X
P25 Trunking	X[1]	X
Bands		
VHF 136-174		X
VHF 146-174	X	
UHF 400-440		X
UHF 440-480		X
UHF 440-475	X	
UHF 480-520		X
Network		
Analog IP Linking	X[1]	X
P25 IP Linking	X[1]	X
RF Network		
RF Linking Analog	X	X
RF Linking P25	X[1]	X
Multi-Xband & Conditional Linking[8]	X[1]	
Voting		
Analog Voting	X[9]	X
P25 Voting	X[1]	X
Trunking		
P25 Trunking	X[1]	X[13]

	FR9010/FR9020	RFT Eclipse2
Simulcast		
External Reference Input	X[2]	X
P25 Simulcast	X[1]	X
Console		
Tone Console - Analog	X[3, 12]	X[10, 12]
Tone Console - P25	X[3, 10]	X[10]
DFSI Console Compliant	X[1]	X
AFSI Console Compliant		X[11]
Configuration		
19" Rack Mountable	X	X
Other		
Extended Warranty Available	X	X
Low Current Draw		X
Stand Alone Repeater Available	X	X
ICOM GSA Contract	X	X
NASPO (ICOM)	X	X

NOTES:

1. Requires Etherstack + FR-9010

2. Requires optional board

3. Requires optional interface custom solution

4. Many grants require 'P25 capable', but some agencies are not using P25 handhelds yet. This allows such agencies to purchase less expensive analog radios and still meet grant funding requirements. P25 upgrades can be added later on another grant or a subsequent year's budget.

5. Individual module sparing, sub-rack selectable channels. For example, an RF module can be programmed w/multiple channels, sub-rack selects which channel to use based on system config if spared out.

6. Scalability - Common HW modules means a repeater can be re-configured and deployed as a base or x-band etc. with addition of modules, minimal reconfig of control interface.

7. Scalability - Common HW modules means a conventional analog system can be upgraded to P25 conventional, and later upgraded to P25 trunked.

8. Configurable for channel switching, multiple signal routing schemes over multiple links/bands via DTMF, CTCSS, NAC control.

9. With OEM Voting Comparator

10. Single CH

11. Twisted Pair - Avtec

12. Zetron, Avtec, Telex

13. Single Site

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