



Comtech EF Data switches are designed to provide fully automatic protection of traffic circuits in case of equipment failure and are intended for hub applications. Several switch designs are interoperable with other switches in a system for providing protection for specific modes of operation.

Below is a matrix of modems and the corresponding 1:1 and M:N redundancy switches that support them. Contact the Comtech EF Data sales department for ordering or for additional information.



Brand: 	1:1 Configuration	M:N Configuration
CDM-570/L Satellite Modems	CRS-170A, CRS-180	CRS-300
CDM-600 Open Network Satellite Modem	CRS-150	CRS-300
CDM-600L Open Network Satellite Modem	CRS-150 with CRS-170A	CRS-300
CDM-625 Advanced Satellite Modem	CRS-170A, CRS -180	CRS-300, CRS-500 (CRS-500 for CDM-625 with IP Packet Processor only)
CDM-Qx/L Multi-Channel Satellite Modem	Built-in or CRS-311	CRS-300
CDM-700 High-Speed Satellite Modem	CRS-170A, CRS-180	CRS-300
CDM-710 Broadcast Satellite Modem	CRS-170A, CRS -180	CRS-300
CDM-710G High-Speed Satellite Modem	CRS-170A, CRS -180	CRS-300
CDM-750 Advanced High-Speed Trunking Modem	CRS-170A, CRS -180	CRS-500 (with select interfaces)
SLM-5650A Satellite Modem	CRS-311	CRS-300
CDM-840 Remote Router	CRS-170A, CRS -180	
Brand: 	1:1 Configuration	M:N Configuration
DM240XR Digital Video Broadcast Modulator	RRS11, RRS11L, RCS11, STS11, STS11L	RCS20
DD240XR Digital Video Broadcast Demodulator	RCS11	RCS20
DMD2050 MIL-STD-188-165A Compliant Universal Satellite Modem DMD2050E MIL-STD-188-165A/B Compliant Universal Satellite Modem	RCS11	RCS20
DMD50 Universal Satellite Modem	RCS11	RCS20
DMD20 Universal Satellite Modem	RCS11	RCS20
DMD20LBST L-Band Satellite Modem	RCS11 (Will not pass DC BUC & LNB power, but will switch 10 MHz Reference TX & RX)	RCS20 (Will not pass DC BUC & LNB power, but will switch 10 MHz Reference TX & RX)
OM20 Rugged Antenna Mount Modem	OMS11	

Notes:

- 1) CRS-280/L or CRS282XX (1:N, IF Switch) is also needed when traffic modems are operating on different transponders or polarizations.
- 2) CRS-350 (1:N, ESC/Overhead Switch) is also needed when traffic modems are using ESC configurations.
- 3) CRS-300 for Ethernet Traffic data types is limited to 1 port of Ethernet Managed Switch Modem (Ethernet Bridge)