



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 legacy 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	Remarks
CDM-500, CDM-550 CDM-550T, CDM-IP-550	CRS-100	CRS-200 (1:10) CRS-280 (1:10)	Note 1, 4
SLM-5650	CRS-311	CRS-300 (1:10) CRS-280(L) (1:10)	Note 4, 10
SDM-100, 308, 309, 650	SMS-301 SMS-651	SMS-658 (2:8) SMS-758 (2:8) SMS-7000 (2:8)	Note 2, 6, 8
SDM-300, SDM-300A SLM-3650, SLM-7650	SMS-301	SMS-7000 (2:8)	Note 7
SDM-300L3	SMS-301 CRS-170A	SMS-7000 (1:8) CDM-280L (1:8)	Note 7, 9
SDM-2020M/D (70/140 MHz)	SMS-451 SMS-301	SMS-458B(G.703) (1:4) CRS-400 (HSSI) (1:8) CRS-280 (1:8)	Note 2, 7
SDM-2020D (L-Band)	SMS-301	CRS-400 (HSSI), CRS-280L	
SDM-6000, 8000 SLM-8650	SMS-651 SMS-301	SMS-658 (2:8) SMS-758 (2:8) SMS-7000 (2:8)	Note 2, 7, 8
SDM-9000	SMS-451	SMS-458B (1:4)	
Brand: 	1:1 Configuration	M:N Configuration	
DMD10		RCS10	

Notes:

- 1) No 1:N for CDM-IP-550 or 570
- 2) Type of switch depends upon the data interface.
- 3) The CRS-350 is used in ESC applications only.
- 4) The CRS-280(L) IF switch is needed if the Traffic Modems are operating on different transponders or polarizations.
- 5) Customer has a choice for 1:1 Redundancy
- 6) SMS 451 supports HSSI, ASI, and G.703.
- 7) SMS-301 supports LVDS (TX only), EIA-530, Parallel RS-422.
- 8) SMS-7000 replaces the SMS-658, and 758 switches. The SMS-301 replaces the SMS-651.
- 9) The SMS-7000 with CRS-280L combination is 1:8.
- 10) Limited to 1 port of bridged Ethernet