

Our redundancy switches are intended for hub applications, and are designed to provide fully automatic protection of traffic circuits in case of equipment failure. 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, compatible 1:1 and M:N redundancy switches. Contact our sales department for ordering or for additional information.



	Model	1:1 Configuration	M:N Configuration
Heights	Solo Mini Hub	Not Applicable	Not Applicable
	Solo Hub - Outbound	Via NetVue/BW Manager	Not Applicable
	Solo Hub - Inbound	Via NetVue/BW Manager	Via NetVue/BW Manager
	VNO Hub – Service Area Redundancy	Via NetVue/BW Manager	Via NetVue/BW Manager
	Custom Hub – Service Area Redundancy	Via NetVue/BW Manager	Via NetVue/BW Manager
	Remote (H8, H16, H32, H64)	CRS-170A	Not Applicable

	Model	1:1 Configuration	M:N Configuration
Advanced VSAT	Hub	Via NetVue/VMS	Via NetVue/V
	Remote (CDM-840)	CRS-170A	Not Applicable
	Remote (ODM-840)	CRS-170A	Not Applicable
	Remote (ODMR-840)	Not Applicable	Not Applicable

	Model	1:1 Configuration	M:N Configuration
High-Speed	DM240XR	RRS11, RRS11L, RCS11, STS11, STS11L	RCS20
	CDM-760	CRS-170A, CRS -180	CRS-500 (with select interfaces)
	DD240XR	RCS11	RCS20
	SLM-5650A	CRS-311	CRS-300
	DMD2050E	RCS11	RCS20

	Model	1:1 Configuration	M:N Configuration
Mid-Range	CDM-625A CDM-625A-EN CDMER-625A	CRS-170A (L-Band) CRS -180 (70/140 MHz)	CRS-300 for CDM-625A without Packet processor CRS-500 for CDM-625A with Packet Processor
	CDM-625 CDM-625-EN	CRS-170A (L-Band) CRS -180 (70/140 MHz)	CRS-300 for CDM-625 without Packet processor CRS-500 for CDM-625 with Packet Processor
	CDM-425	CRS-170A (L-Band) CRS -180 (70/140 MHz)	CRS-300 for CDM-425 without Packet processor CRS-500 for CDM-425 with Packet Processor
	DMD20	RCS11	RCS20
	DMD20LBST	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)
	DMD1050	Not Applicable	Not Applicable

	Model	1:1 Configuration	M:N Configuration
Entry-Level	CDM-570 CDM-570A	CRS-180	CRS-300 (CDM-570/A without packet processor)
	CDM-570L CDM-570AL	CRS-170A	CRS-300 (CDM-570L/AL without packet processor)
	CDM-570A-IP	CRS-180	Via Vipersat
	CDM-570AL-IP	CRS-170A	Via Vipersat
	CDD-564A/L CDD-564A/LEN	Via Vipersat	Via Vipersat
	CDD-562AL CDD-562ALEN	Via Vipersat	Via Vipersat

	Model	1:1 Configuration	M:N Configuration
Other	CLO-10	Built-in	Built-in
	MCDD-100	Not Applicable	Not Applicable

	Model	1:1 Configuration	M:N Configuration
Legacy	SDM-300L3	SMS-301 CRS-170A	SMS-7000 (1:8) CDM-280L (1:8)
	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)
	SDM-2020D (L-Band)	SMS-301	CRS-400 (HSSI) CRS-280L
	CDM-700	CRS-170A, CRS-180	CRS-300
	CDM-710G	CRS-170A, CRS -180	CRS-300
	CDM-710	CRS-170A, CRS -180	CRS-300
	CDM-Qx CDM-QxL	Built-in or CRS-311	CRS-300
	SLM-5650	CRS-311	CRS-300 (1:10) CRS-280(L) (1:10)
	CDM-550	CRS-100	CRS-200 (1:10) CRS-280 (1:10)
	CDM-600	CRS-150	CRS-300
	CDM-600L	CRS-150 with CRS-170A	CRS-300
	OM20	OMS11	
	DMD2050	RCS11 (EIA-530/RS-422 or Ethernet 10/100/1000 only)	RCS20 (EIA-530/RS-422 or Ethernet 10/100/1000 only)
	DMD50	RCS11	RCS20

Additional Notes:

1. CRS-280/L or CRS282XX (1:N, IF Switch) is also needed when traffic modems are operating on different transponders or polarizations (Applicable to CRS-300 and CRS-500 users).
2. CRS-350 (1:N, ESC/Overhead Switch) is also needed when traffic modems are using ESC configurations (Applicable to CRS-300 users).
3. CRS-300 for Ethernet Traffic data types is limited to 1 port of Ethernet Managed Switch Modem (Ethernet Bridge).
4. There is no 1:N for CDM-IP-550 or CDM-IP-570.
5. SMS 451 supports HSSI, ASI, and G.703.
6. SMS-301 supports LVDS (TX only), EIA-530, Parallel RS-422.
7. SMS-7000 replaces the SMS-658, and 758 switches.
8. The SMS-301 replaces the SMS-651.
9. The SMS-7000 with CRS-280L combination is 1:8.



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