

The functionality of the CDM-700 High Speed Satellite Modem is now expanded, providing even more data interface flexibility and enabling redundancy. The new functionality is summarized below.

Data Interfaces

With two data interface slots and a built-in multiplexer to combine data ports together in a single carrier, the CDM-700 provides efficient transmission over satellite links. The combination of data interfaces in the two available slots is now expanded as follows:

Data Interface in Slot 1	Data Interface in Slot 2 – Select One	
CDI-10 Dual G.703	<ul style="list-style-type: none"> None CDI-10 Dual G.703 	<ul style="list-style-type: none"> CDI-60 HSSI CDI-70 Gigabit Ethernet
CDI-50-1 OC-3 (Single Mode Optical) / STM-1 (G.703 Coaxial)	<ul style="list-style-type: none"> None 	
CDI-60 HSSI	<ul style="list-style-type: none"> None CDI-60 HSSI 	<ul style="list-style-type: none"> CDI-70 Gigabit Ethernet
CDI-70 Gigabit Ethernet	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> CDI-70 Gigabit Ethernet
None	<ul style="list-style-type: none"> CDI-10 Dual G.703 CDI-60 HSSI 	<ul style="list-style-type: none"> CDI-70 Gigabit Ethernet




Redundancy


Both 1:1 and 1:N redundancy are now supported by the CDM-700. The compatible redundancy switches that we offer for the CDM-700 are summarized below.

Redundancy Configuration	Comtech EF Data Solution
1:1 redundancy & L-Band operation	CRS-170A 1:1 Modem Redundancy Switch in combination with a data kit for the interface installed in each slot of the CDM-700
1:1 redundancy & 70/140 MHz operation	CRS-180 1:1 Modem Redundancy Switch in combination with a data kit for the interface installed in each slot of the CDM-700
Up to 1:10 redundancy & L-Band or 70/140 MHz operation	CRS-300 1:N Modem Redundancy Switch with the traffic interface modules to match the data interfaces installed in the CDM-700

For additional information on the CDM-700 and its compatible redundancy switches, refer to the datasheets and user documentation available on our web site, www.comtechefdata.com. To place an order, please contact your Comtech EF Data sales associate.

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