

Specification		Model		Model		Model		Model	
		FRM220-GFOM08		FRM220-GFOM04		FRM220-FOM04		FRM220-FOM01	
Description		8xE1/T1 + GbE FOM		4xE1/T1 + GbE FOM		4xE1/T1 + FE FOM		E1/T1 + FE FOM	
Fiber Trunk	Single Mode	15/30/50/80/120km		15/30/50/80/120km		15/30/50/80/120km		15/30/50/80/120km	
	Multimode	2Km		2Km		2Km		2Km	
	WDM	20/40/60/80km		20/40/60/80km		20/40/60/80km		20/40/60/80km	
	Wave Length (nm)	1310/1550		1310/1550		1310/1550		1310/1550	
	Connector Type	SFP-LC		SFP-LC		SFP-LC		SFP-LC	
	Ports	2-port SFP		2-port SFP		2-port SFP		1-port SFP	
Copper interface module	10/100Mbps Fast Ethernet					1-port		1-port	
	10/100/1000Mbps Gigabit Ethernet	1-port		1-port					
	E1/T1	8ch		4ch		4ch		1ch	
	RS232	1ch		1ch		1ch			
	Order wire	V		V		V			
Power	Power types AC, DC, AC+DC	"AC (100~240V) or DC (36~72V)"		"AC (100~240V) or DC (36~72V)"		"AC (100~240V) or DC (36~72V)"		"AC (100~240V) or DC (36~72V)"	
Front Panel	Controllable Menu LCD								
	Diagnostic LEDs	V		V		V		V	
Console Interface RS-232(RJ45)		V		V		V		V	
Alarm Output port		V		V		V		X	
Features	1+1 Redundant fiber protection	V		V		V		X	
	Loop back test	V		V		V		V	
	Auto Laser Shutdown (ALS)	V		V		V		V	
	SNMP, Telnet, web management	via FRM220 NMC card with chassis		via FRM220 NMC card with chassis		via FRM220 NMC card with chassis		via FRM220 NMC card with chassis	
	TFTP f/w upgrade	V		V		V		V	
Dimension (D x W x H) mm		155 x 88 x 46mm		155 x 88 x 46mm		155 x 88 x 46mm		155 x 88 x 23mm	
All of FRM220 Fiber Optic Multiplexer cards can be installed in FRM220 rack-mountable chassis or standalone housing.									
Chassis	FRM220-CH20	V		V		V		V	
	FRM220-CH08	V		V		V		V	
	FRM220-CH04A	V		V		V		V	
	FRM220-CH01M							V	
	FRM220-CH02M	V		V		V			