

Product Comparison - FRM220 (1G/4G) Transponder

Large or SMB Enterprise / Campus / Government Market Segment

Ver. June 2022



Model Name		FRM220-1000DS	FRm220-4G-2S	FRm220-4G-3S	FRM220-4G-3R
Description		1G Transponder (2R)	4G Transponder (2R)	4G Transponder (2R)	16G Transponder (3R)
Fiber interface	SFP	2-ports	2 ports	3 ports	4-ports
	Connector Type	LC	LC	LC	LC
Power	Power types	12VDC	12VDC	12VDC	12VDC
Front Panel	Diagnostic LEDs	✓	✓	✓	✓
Console Interface RS-232		via FRM220-CH02M chassis			
Features	1+1 Redundant fiber protection service channel per card	1ch	1ch	1ch	2ch
	Loop back test		✓	✓	✓
	Auto Laser Shutdown (ALS)		✓	✓	✓
	SNMP, Telnet, Web management	via NMC in FRM220 chassis			
TFTP f/w upgrade			✓	✓	✓
Protocol	4G FC	4.25 Gbps	✓	✓	✓
	OBSAI×4 / CPRI×5	3.072 Gbps			✓
	OC48 / STM16	2.48832 Gbps			✓
	CPRI×4	2.4576 Gbps			✓
	2G FC	2.125 Gbps		✓	✓
	OBSAI×2	1.536 Gbps			✓
	1GE	1.25 Gbps	✓	✓	✓
	OC24	1.24416 Gbps			✓
	CPRI×2	1.2288 Gbps			✓
	1G FC	1.0625 Gbps		✓	✓
	OBSAI×1	768 Mbps			✓
	OC12 / STM4	622.08 Mbps			✓
	CPRI×1	614.4 Mbps			✓
	OC-3 / STM1	155.52 Mbps			
	100Base-FX	125 Mbps	✓	✓	✓
	OC1 / STM0	51.84 Mbps		✓	✓
DS3 / T3	44.736 Mbps		✓	✓	
E3	34.368 Mbps		✓	✓	
Dimension (D×W×H) mm		155 × 88 × 23mm			