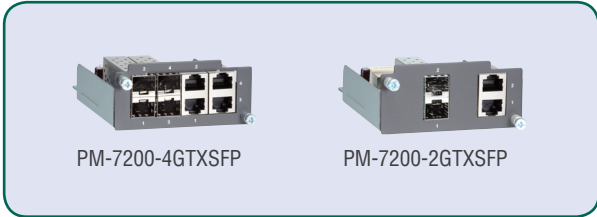


# PM-7200 Series

*Gigabit and fast Ethernet modules for PT and IKS series switches*

## Specifications

### Gigabit Ethernet Interface Modules, PM-7200-2G/4G series



#### Interface

**RJ45 Ports:** 10/100/1000BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection

**Fiber Ports:** 1000BaseSFP slots

**Note:** The PM-7200-2G/4G series Gigabit Ethernet combo modules support 2 or 4 SFP slots. See page 1-87 to select the SFP-1G series Gigabit Ethernet modules for your application.

### Fast Ethernet Interface Modules, PM-7200 series



\* See page 1-87 and 1-89 to select SFP-1G/1FE series Gigabit Ethernet and fast Ethernet modules.

**Interface**

**RJ45 Ports:** 10/100BaseT(X) auto negotiation speed, F/H duplex mode, and auto MDI/MDI-X connection

**Fiber Ports:** 100BaseFX ports (SC/ST/MTRJ or SFP LC connector)

**PoE Ports:** IEEE 802.3af Power-over-Ethernet Technology, provide up to 15.4 watts per port

**M12 Ports:** 10/100BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection

**BNC Ports:** Time clock signal PPS (pulses per second) output for IEEE 1588 time synchronization

**Optical Fiber**

	100BaseFX		
	Multi-mode	Single-mode	Single-mode, 80 km
Wavelength	1300 nm	1310 nm	1550 nm
Max. TX	-10 dBm	0 dBm	0 dBm
Min. TX	-20 dBm	-5 dBm	-5 dBm
RX Sensitivity	-32 dBm	-34 dBm	-34 dBm
Link Budget	12 dB	29 dB	29 dB
Typical Distance	5 km <sup>a</sup> 4 km <sup>b</sup>	40 km <sup>c</sup>	80 km <sup>d</sup>
Saturation	-6 dBm	-3 dBm	-3 dBm

- a. 50/125 μm, 800 MHz\*km fiber optic cable
- b. 62.5/125 μm, 500 MHz\*km fiber optic cable
- c. 9/125 μm single-mode fiber optic cable
- d. 9/125 μm single-mode fiber optic cable (80 km)

**Ordering Information**

**Rackmount Ethernet Switch System and Interface Module Compatibility Chart**

**Modular Rackmount Ethernet Switch System:**

PT-7828/PT-7728-PTP/  
PT-7728

PT-7710

IKS-6726

IKS-6726-8PoE

IKS-6324



		Interface Modules																																	
		PM-7200-4GTXSFP	PM-7200-2GTXSFP	PM-7200-1MSC	PM-7200-1MST	PM-7200-2MSC	PM-7200-2MST	PM-7200-1SSC	PM-7200-2SSC	PM-7200-8TX	PM-7200-2MSC4TX	PM-7200-2MST4TX	PM-7200-2SSC4TX	PM-7200-4MSC2TX	PM-7200-4MST2TX	PM-7200-4SSC2TX	PM-7200-6MSC	PM-7200-6MST	PM-7200-6SSC	PM-7200-1MSC6TX	PM-7200-1MST6TX	PM-7200-1SSC6TX	PM-7200-1LSC6TX	PM-7200-8PoE	PM-7200-8SFP*	PM-7200-4M12	PM-7200-2MTRJ	PM-7200-8MTRJ	PM-7200-4MST-FL	PM-7200-4TX-PTP	PM-7200-4MST-PTP	PM-7200-4MSC-PTP	PM-7200-1BNC2MST-PTP		
PT-7828 PT-7728	Slots 1-3	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Slot 4	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PT-7728-PTP	Slots 1-3	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Slot 4	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
PT-7710	Slot 1	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Slot 2	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IKS-6726	Slots 1-2	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Slot 3	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IKS-6726-8PoE	Slot 1	-	-	-	-	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Slot 2	-	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IKS-6324	Slot 1	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

\* If you are using an SFP-1FELLC module, the operating temperature is limited to -40 to 75°C (-40 to 167°F).

**Gigabit Ethernet Modules for PT and IKS Series Rackmount Ethernet Switches, PM-7200-2G/4G Series**

Available Models	Port Interface	
	Combo Port, 10/100/1000BaseT(X) or 1000BaseSFP*	
PM-7200-2GTXSFP	2	
PM-7200-4GTXSFP	4	

\*The PM-7200-2G/4G series Gigabit Ethernet combo modules support 2 or 4 SFP slots.

### Fast Ethernet Modules for PT and IKS Series Rackmount Ethernet Switches, PM-7200 Series

Available Models	Port Interface									
	10/100BaseT(X)			100BaseFX					100BaseSFP	PPS output, BNC connector
	TP	PoE	M12	Multi-mode, SC Connector	Multi-mode, ST Connector	Multi-mode, MTRJ Connector	Single-mode, SC Connector	Single-mode, SC Connector, 80 km		
PM-7200-8TX	8	-	-	-	-	-	-	-	-	-
PM-7200-6MSC	-	-	-	6	-	-	-	-	-	-
PM-7200-6MST	-	-	-	-	6	-	-	-	-	-
PM-7200-6SSC	-	-	-	-	-	-	6	-	-	-
PM-7200-4MSC2TX	2	-	-	4	-	-	-	-	-	-
PM-7200-4MST2TX	2	-	-	-	4	-	-	-	-	-
PM-7200-4SSC2TX	2	-	-	-	-	-	4	-	-	-
PM-7200-2MSC4TX	4	-	-	2	-	-	-	-	-	-
PM-7200-2MST4TX	4	-	-	-	2	-	-	-	-	-
PM-7200-2SSC4TX	4	-	-	-	-	-	2	-	-	-
PM-7200-1LSC6TX	6	-	-	-	-	-	-	1	-	-
PM-7200-2MSC	-	-	-	2	-	-	-	-	-	-
PM-7200-2MST	-	-	-	-	2	-	-	-	-	-
PM-7200-2SSC	-	-	-	-	-	-	2	-	-	-
PM-7200-1MSC	-	-	-	1	-	-	-	-	-	-
PM-7200-1MST	-	-	-	-	1	-	-	-	-	-
PM-7200-1SSC	-	-	-	-	-	-	1	-	-	-
PM-7200-1MSC6TX	6	-	-	1	-	-	-	-	-	-
PM-7200-1MST6TX	6	-	-	-	1	-	-	-	-	-
PM-7200-1SSC6TX	6	-	-	-	-	-	1	-	-	-
PM-7200-8SFP	-	-	-	-	-	-	-	-	8	-
PM-7200-4M12	-	-	4	-	-	-	-	-	-	-
PM-7200-2MTRJ	-	-	-	-	-	2	-	-	-	-
PM-7200-8MTRJ	-	-	-	-	-	8	-	-	-	-
PM-7200-4MST-FL	-	-	-	-	4	-	-	-	-	-
PM-7200-4TX-PTP	4	-	-	-	-	-	-	-	-	-
PM-7200-4MST-PTP	-	-	-	-	4	-	-	-	-	-
PM-7200-4MSC-PTP	-	-	-	4	-	-	-	-	-	-
PM-7200-1BNC2MST-PTP	-	-	-	-	2	-	-	-	-	1
PM-7200-8PoE	-	8	-	-	-	-	-	-	-	-