PHB-200M is a 20-channel Managed SFP patching hub that converts Ethernet copper 100/1000Base-TX to SFPs working at 100Mbps and 1000Mbps. PHB-200M can connect to any RJ-45 Ethernet switch and supports any third-party standard SFP module from any SFP vendor. PHB-200M can also be used as an Ethernet copper-to-fiber media converter. With different kinds of fiber optic media, both multi-mode and single mode fiber are available as well as BiDi which allows bi-directional transmissions using only a single fiber to extend the distance of Fast Ethernet and Gigabit Ethernet networks. With SNMP and Web-based management, the network administrator can monitor, configure and control the activity of PHB-200M remotely.

**Feature**

- 1U" Height 19" 20 channels Managed SFP patching hub
- 20-port 100/1000Base-T to 20-port 100/1000Base-X SFP
- Auto MDI/MDIX in TP port
- Auto-Negotiation in TX port
- Supports hot-swappable SFPs working at 100 Mbps and 1000 Mbps
- Supports Web, Telnet, SNMP Management (PHB-200M)
- Local configuration via DB9 port
- Supports Link Pass-Through & Link loss Alarm
- Supports any third-party standard SFP module
- Supports SFP DDMI
- Layer 1 wire-speed conversion with fully transparent function
- Available in 3 types: power built-in AC, DC, AC+DC

**Specifications**

**Optical Interface**
- Connector: SFP LC
- Number of port: 20
- Data rate: 100/1000Mbps
- Duplex mode: Full duplex
- Fiber: MM 50/125um, 6.25/125um, SM 9/125um
- Distance: MM 2km, SM 15/30/50/80/120km, WDM 20/40/60/80km
- Wavelength: 1310nm, 1550nm, CWDM 1471nm ~ 1611nm

**Management**
- Console, Web, Telnet, SNMP

**Control Port**
- RS-232 DCE, DB-9, female

**Standards**
- IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x

**Indications**
- Power FX-Link, Duplex, TX-Link/Act, TX-Speed

**Electrical Interface**
- Connector: RJ-45
- Number of port: 20
- Data rate: 10/100/1000Mbps
- Duplex mode: Half / Full duplex
- Cable: 10Base-T Cat. 3, 4, 5 UTP 100/1000Base-T Cat. 5, 5e or higher

**Power Consumption**
- 65W

**Dimensions**
- 180 x 440 x 44mm (D x W x H)

**Weight**
- 3.4kg

**Temperature**
- 0 ~ 50°C (Operating), -10 ~ 70°C (Storage)

**Certification**
- CE, FCC

**Application**

- SmartView
- Packet Switched Network
- FE/GbE
- Ethernet Switch with Copper Ports
- FMC-1000MS

**Ordering Information**

<table>
<thead>
<tr>
<th>Model/Name</th>
<th>Description</th>
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<tbody>
<tr>
<td>PHB-200M-AC, DC, AD</td>
<td>Managed 20-port 100/1000-TX to 20-port 100/1000-X SFP, built-in AC, DC or AD (AC+DC) Power</td>
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**Power Type**

PHB-200 [□] – [□]

Example: PHB-200M – DC