

HFB Series

Rack Mount Gigabit managed Industrial Ethernet Switches



- * Up to 24 Fast-Ethernet Ports and 2 Gigabit Combo Ports
- * RingOn™ Redundant Ring Technology, Recovery Time within 15ms, Supports RSTP/STP
- * Enriched Management Features: QoS, IGMP snooping/ GMRP, VLAN, SNMP V1/V2/V3
- * Multiple Redundant AC/DC Power Choices

Specifications

* Technology

Network Standards:

IEEE802.3 10Base-T

IEEE802.3u 100BaseT(X) and 100BaseFX

IEEE802.3ad 1000Base(X)

IEEE802.3z 1000BaseSX/LX/HLX/ZX

IEEE802.3x Flow Control

IEEE802.1p Classe of Service

IEEE802.1Q VLAN Tagging

IEEE802.1ad LACP

IEEE802.1D for Spanning Tree Protocol

IEEE802.1W for Rapid STP



IEEE802.1X for Authentication

Flow Control: Full/Half Duplex Back Pressure Flow Control

Protocols: SNMP V1/V2/V3, DHCP Server, SNTP, SMTP, IGMP Snooping/GMRP, LACP, RMON, HTTPS, Telnet, Syslog, HTTP

* Switch Properties

Priority Queues: 4

IGMP Groups: 64

Max. Available VLANs: 256

VLAN ID Range: 1~4096

* Interface

RJ45 Port Connectors: 10/100Base(X) or 10/100/1000BaseT(X) Auto-Negotiation

Fiber Port Connectors: 1000BaseSX/CX/LHX/ZX(SFP slots, LC connectors)

LED Indicators: Power, Port Status, 10/100/1000M

Console Port: DB9 male

Output Warning: Relay, Standard 2 Pin, 0.5A@24VDC

* Power Requirements

Power Inputs: 48VDC(8~56VDC); 110/220VAC(85~265VDC);

220VDC(120~370VDC); 110VDC(100~120VDC);

* Optical Fiber

Mode	Typical Dist	Wavele ngth	Cable Size	TX Power	Rx Sensitivity	Transmission speed
Multi	2km	1310nm	62.5/125 um	-23.5~-14dBm	< -35dBm	10/100/1000M bps
Single	15km	1310nm	9/125um	-15~-8dBm	< -35dBm	10/100/1000M bps

* Physical Characteristics

Case: Slim Metal Case, IP40 Design

Dimensions:(W×H×D): 443×44×220mm(HFB18MC-2G/26MC-2G)

Installation: 19" rack mounting

* Environment Limits

Standard Temp Models: -10°C to 60°C

Extended Temp Models: -40°C to 75°C

Storage Temperature: -40 to 85°C

Ambient Relative Humidity: 10 to 95%(Non-condensing)



* Ordering Information

Product Model		Connectors			
Standard Temperature (-10°C~60°C)	Extended Temperature (-40°C~75°C)	10/100/1000Base T(X) Or 1000Base SFP	10/100 BaseT (X)	100BaseFX	
				MM Fiber, SC	SM Fiber, SC
HFB18MC-2G Series					
HFB18MC-2G	HFB18MC-2G-W	2	16		
HFB18MC-2G-2SC	HFB18MC-2G-2SC-W	2	14	2	
HFB18MC-2G-2SSC	HFB18MC-2G-2SSC-W	2	14		2
HFB18MC-2G-4SC	HFB18MC-2G-4SC-W	2	12	4	
HFB18MC-2G-4SSC	HFB18MC-2G-4SSC-W	2	12		4
HFB26MC-2G Series					
HFB26MC-2G	HFB26MC-2G-W	2	24		
HFB26MC-2G-2SC	HFB26MC-2G-2SC-W	2	22	2	
HFB26MC-2G-2SSC	HFB26MC-2G-2SSC-W	2	22		2
HFB26MC-2G-4SC	HFB26MC-2G-4SC-W	2	20	4	
HFB26MC-2G-4SSC	HFB26MC-2G-4SSC-W	2	20		4

