

# HFB Series

## ***Rack Mount Managed Industrial Ethernet Switches***



*RingOn™ Redundant Ring Technology, Recovery Time within 15ms, Supports RSTP/STP  
Enriched Management Features: QoS, IGMP snooping/GMRP, VLAN, SNMP V1/V2/V3  
Multiple power inputs include low voltage redundant  
Upgraded EMI Immunity*

### **Specifications**

#### **\* Technology**

##### **Network Standards:**

IEEE802.3 10Base-T

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

IEEE802.3x Flow Control

IEEE802.1p Classe of Service

IEEE802.1Q VLAN Tagging

IEEE802.1ad LACP

Processing Type:Store and Forward

MAC Address:8k MAC Address Table

Management:by Web Browse

RingOn™:Recovery Time within 15ms

Broadcasting Storm Control:Automatic

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 Auto-sensing, Full/Half Duplex MDI/MDI-X Auto-Negotiation  
Fiber Port Connectors:100BaseFX, SC or ST connectors, Single-Mode or Multi-Mode  
LED Indicators:Power, Port Status  
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 Distance	Wavele ngth	Cable Size	TX Power	Rx Sensitivity	Transmission speed
Multi	2km	1310nm	62.5/125 um	-23.5~-14dBm	< -35dBm	10/100Mbps
Single	15km	1310nm	9/125um	-15~-8dBm	< -35dBm	10/100Mbps

**\* Physical Characteristics**

Case: Slim Metal Case, IP30 Design  
Dimensions:(W×H×D):443×44×220mm(HFB18MC/26MC)  
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 Models(-10°C~60°C)	Extended Temperature Models(-40°C~75°C)	10/100BaseT(X)	100BaseFX	
			MM Fiber/SC	SM Fiber/SC
<b>HFB18MC Series</b>				
HFB18MC	HFB18MC-W	18		
HFB18MC-2SC	HFB18MC-2SC-W	16	2	
HFB18MC-2SSC	HFB18MC-2SSC-W	16		2
HFB18MC-4SC	HFB18MC-4SC-W	14	4	
HFB18MC-4SSC	HFB18MC-4SSC-W	14		4
<b>HFB26MC Series</b>				
HFB26MC	HFB26MC-W	26		
HFB26MC-2SC	HFB26MC-2SC-W	24	2	
HFB26MC-2SSC	HFB26MC-2SSC-W	24		2
HFB26MC-4SC	HFB26MC-4SC-W	22	4	
HFB26MC-4SSC	HFB26MC-4SSC-W	22		4
HFB26MC-6SC	HFB26MC-6SC-W	20	6	
HFB26MC-6SSC	HFB26MC-6SSC-W	20		6