

# HFB10-2G/4G Series

## *DIN Rail Gigabit Unmanaged Ethernet Switches*



- \* *Up to 4 Gigabit Combo Ports*
- \* *Elastic configuration, 100Base fiber port with SC/ST connectors, multi-mode/single-mode models are available*
- \* *Multiple power inputs include low voltage redundant power models and 220VAC models*
- \* *Broadcasting Storm Controller*

### \* 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

Broadcasting Storm Control:Automatic

Flow Control:Full/Half Duplex Back Pressure Flow Control

### \* 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

### \* Power Requirements

Low Voltage Range:12~36VDC; 10~24VAC

High Voltage Range:200~350VDC; 165~265VAC

Connection:Standard 4 Pin Dual Power Connector



\* Optical Fiber

Mode	Typical Dist	Wavelength	Cable Size	TX Power	Rx Sensitivity	Transmission speed
Multi	2km	1310nm	62.5/125um	-23.5~-14 dBm	< -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):

HFB10-2G: 89×144×125mm

HFB18-2G: 70×149×130mm

HFB28-4G: 91×166×130mm

DIN Rail or Panel 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)	10/100/1000BaseT(X) Or 1000Base SFP	10/100 BaseT(X)	100BaseFX	
				Multi-mode, SC Connectors	Single-mode, SC Connectors
<b>HFB10-2G Series</b>					
HFB10-2G	HFB10-2G-W	2	8		
HFB10-2G-2SC	HFB10-2G-2SC-W	2	6	2	
HFB10-2G-2SSC	HFB10-2G-2SSC-W	2	6		2
HFB10-2G-4SC	HFB10-2G-4SC-W	2	4	4	
HFB10-2G-4SSC	HFB10-2G-4SSC-W	2	4		4
<b>HFB18-2G Series</b>					
HFB18-2G	HFB18-2G-W	2	16		
HFB18-2G-2SC	HFB18-2G-2SC-W	2	14	2	
HFB18-2G-2SSC	HFB18-2G-2SSC-W	2	14		2
HFB18-2G-4SC	HFB18-2G-4SC-W	2	12	4	
HFB18-2G-4SSC	HFB18-2G-4SSC-W	2	12		4
<b>HFB28-4G Series</b>					
HFB28-4G	HFB28-4G-W	4	24		
HFB28-4G-2SC	HFB28-4G-2SC-W	4	22	2	
HFB28-4G-2SSC	HFB28-4G-2SSC-W	4	22		2
HFB28-4G-4SC	HFB28-4G-4SC-W	4	20	4	
HFB28-4G-4SSC	HFB28-4G-4SSC-W	4	20		4
HFB28-4G-6SC	HFB28-4G-6SC-W	4	18	6	
HFB28-4G-6SSC	HFB28-4G-6SSC-W	4	18		6

