

HFD10-2G/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*

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

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~-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):

HFD10-2G:89×144×125mm

HFD18-2G:70×149×130mm

HFD28-4G:91×166×130mm

DIN Rail or Panel Mounting

*** Environment Limits**

Standard Temp Models:-10℃ to 60℃

Extended Temp Models:-40℃ to 75℃

Storage Temperature:-40 to 85℃

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

*** Ordering Information**

Product Model		Connectors			
Standard Temperature(-10℃~60℃)	Extended Temperature (-40℃~75℃)	10/100/1000BaseT(X) Or 1000Base SFP	10/100 BaseT(X)	100BaseFX	
				Multi-mode, SC Connectors	Single-mode, SC Connectors
HFD10-2G Series					
HFD10-2G	HFD10-2G-W	2	8		
HFD10-2G-2SC	HFD10-2G-2SC-W	2	6	2	
HFD10-2G-2SSC	HFD10-2G-2SSC-W	2	6		2
HFD10-2G-4SC	HFD10-2G-4SC-W	2	4	4	
HFD10-2G-4SSC	HFD10-2G-4SSC-W	2	4		4
HFD18-2G Series					
HFD18-2G	HFD18-2G-W	2	16		
HFD18-2G-2SC	HFD18-2G-2SC-W	2	14	2	
HFD18-2G-2SSC	HFD18-2G-2SSC-W	2	14		2
HFD18-2G-4SC	HFD18-2G-4SC-W	2	12	4	
HFD18-2G-4SSC	HFD18-2G-4SSC-W	2	12		4
HFD28-4G Series					
HFD28-4G	HFD28-4G-W	4	24		
HFD28-4G-2SC	HFD28-4G-2SC-W	4	22	2	
HFD28-4G-2SSC	HFD28-4G-2SSC-W	4	22		2
HFD28-4G-4SC	HFD28-4G-4SC-W	4	20	4	
HFD28-4G-4SSC	HFD28-4G-4SSC-W	4	20		4
HFD28-4G-6SC	HFD28-4G-6SC-W	4	18	6	
HFD28-4G-6SSC	HFD28-4G-6SSC-W	4	18		6