

10 Ports Ethernet Optical Fiber Switch with 8x 10/100M FX and 2x UTP RJ45 10/100/1000M Ports

LF10-8FX is a 10 ports Fast Ethernet Switch with 8x10/100Mbps FX and 2x 10/100/1000M RJ45 ports. The FX ports of this switch can easily Single-mode, Multi-mode or Bidi single fiber. Featuring stable performance, excellent quality and reasonable price.



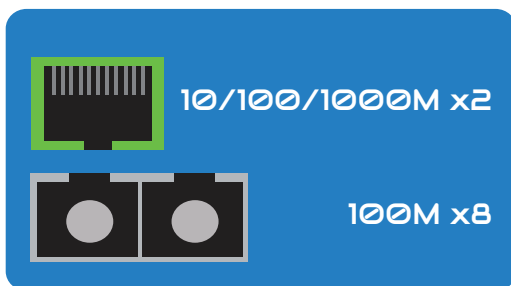
FEATURES

- Optical—Electric Ethernet signals between 8x 10/100M FX ports and 2x 10/100/1000M RJ45 UTP ports.
- UTP port supports MDI / MDI-X auto crossover
- FX ports can be Singlemode, Multimode fiber or Bidi single fiber interface
- Supporting the max 1916 bytes frame

SPECIFICATIONS

Operating standards	
Connector	UTP: RJ45, 10/100/1000Mbps; Fiber: SC, 100Mbps (Full Duplex)
UTP Cable	UTP cable : Cat. 5 (the max distance up to 100m)
	Fiber (multimode) : 50/125, 62.5/125 μ m (the max distance up to 2km)
	Fiber (singlemode) : 8.3/125, 8.7/125, 9/125, 10/125 μ m (the max distance up to 100km)
Half / Full Duplex	IEEE802.3x flow control
Power	Internal switching power supply: AC170 ~ 260V
Environment temperature	0 ~ +50 $^{\circ}$ C
Storage temperature	-20 ~ +70 $^{\circ}$ C
Humidity	5% ~ 90%
Dimensions	260x 155x 30mm

FUNCTIONAL DIAGRAM



ORDERING INFORMATION

Model	Fiber type	Connector	Max Distance	Wavelength	TX power	Sensitivity	Link Budget
LF10-8FX-S20	Singlemode	Duplex SC	20km	1310nm	-20 ~ -12dBm	-30dBm	10dB
LF10-8FX-S60	Singlemode	Duplex SC	60km	1310nm	-5 ~ 0dBm	-34dBm	29dB
LF10-8FX-M02	Multimode	Duplex SC	2km	850nm	-20 ~ -12dBm	-30dBm	30dB
LF10-8FX-BD2	Singlemode Bidi	Simplex SC	20km	1310/1550nm	-20 ~ -12dBm	-30dBm	10dB
LF10-8FX-BD6	Singlemode Bidi	Simplex SC	60km	1310/1550nm	-5 ~ 0dBm	-34dBm	29dB