

## Popular 10/100M single mode dual fiber 1 fiber port & 2 RJ45 ports fiber switch (External)



### Features:

- Storage and forwarding capabilities to support rate adaptation and protocol translation;
- Adaptive connection 10M and 100M network and the network port supports full-duplex/ half-duplex adaptation and traffic control;
- Automatic detection and correction of incorrect poles on each port of a twisted pair;
- Data transfer rate (line speed) is 14,880 frames per second (10M);
- Data transfer rate (line speed) is 14,8800 frames per second (100M);
- The amount of power  $\leq 5W$ ;
- Support 12K effective MAC address table; MAC Supports MAC address learning and aging automatically;
- 8 MB packet buffer;
- With broadcast storm protection ;

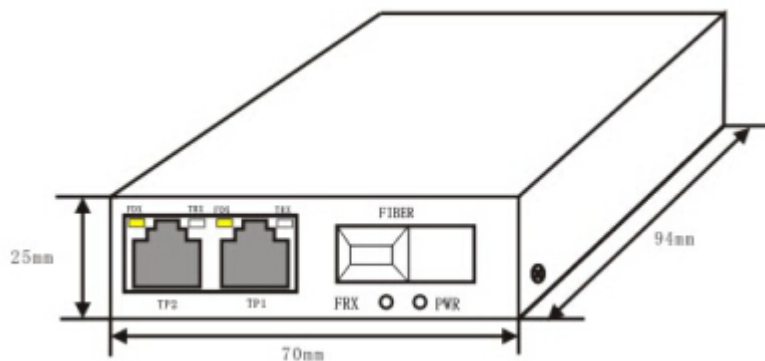
### Parameters:

Standard Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3d, IEEE 802.3Q	
Band Width	RJ 45 Port: 2*10/100M	Optical Port: 155M
Operation Mode	Full /Half duplex mode, with full duplex / half duplex automatic negotiation function	
Connectors	UTP: RJ45	Fiber connector: SC/ST/FC
LED Indicators	POWER, FPL, 10/100, FRX, TRX, FDX.	
UTP cable	Cat5 UTP (the max distance up to 100m)	
Fiber Cable	9/125 $\mu$ m (up to 20 -120km)	

	50/125μm, 62. 5/125μm(up to 2km)		
Power Supply	External power supply	5V, 1A	
	Internal power supply	DC-48V, AC110-250V/50Hz	
	Power Consumption	≤5W	
Work environment	Work Temperature	0℃~50℃	
	Storage Temperature	-40℃~70℃	
	Humidity	5%~90% non-condensing	
working life	>30000		
Dimensions(mm) /Gross Weight	Structure	Dimensions(mm)	Gross Weight
	External power supply	94mm*70mm*25mm	0.4 kg
	Internal power supply	140mm*110mm*30mm	0.8kg
Certification	FCC Part 15 , Class A, RoHS and CE Mark		

**Size:**

Dimensions(mm) /Gross Weight	Structure	Dimensions(mm)	Gross Weight
	External power supply	94mm*70mm*25mm	0.4 kg
	Internal power supply	140mm*110mm*30mm	0.8kg



**Order Information:**

Model	Fiber specification	Wavelength	Bandwidth	Transmission distance	Transmitting power	Receiving sensitivity
TP-3412E-D02	Multi mode dual fiber	1310nm(850nm )	10/100M	0~2 KM	-22 ~ -14dBm	≤ -31
TP-3412E-D20	Single mode single fiber	1310nm	10/100M	0~20 KM	-12 ~ -8dBm	≤ -35
TP-3412E-D40	Single mode single fiber	1310nm	10/100M	0~40 KM	-8 ~ -3dBm	≤ -35
TP-3412E-D60	Single mode single fiber	1310nm DFB	10/100M	0~60 KM	-3 ~ 0dBm	≤ -35

TP-3412E-D80	Single mode single fiber	1550nm DFB	10/100M	0~80 KM	-5 ~ 0dBm	≤ -35
TP-3412E-D100	Single mode single fiber	1550nm DFB	10/100M	0~100 KM	-5 ~ 0dBm	≤ -35
TP-3412E-D120	Single mode single fiber	1550nm DFB	10/100M	0~120 KM	-5 ~ 0dBm	≤ -35
TP-3412E-S20	Single mode single fiber	1310T/1550R	10/100M	0~20 km	-12 ~ -8dBm	≤ -35dBm
TP-3412E-S20		1550T/1310R			-8 ~ -3dBm	≤ -35dBm
TP-3412E-S40	Single mode single fiber	1310T/1550R	10/100M	0~40 km	-3 ~ 0dBm	≤ -35dBm
TP-3412E-S40		1550T(DFP)/1310R			-5 ~ 0dBm	≤ -35dBm
TP-3412E-S60	Single mode single fiber	1310T/1550R	10/100M	0~60 km	-5 ~ 0dBm	≤ -35dBm
TP-3412E-S60		1550T(DFP)/1310R			-5 ~ 0dBm	≤ -35dBm
TP-3412E-S80	Single mode single fiber	1310T/1550R	10/100M	0~80 km	-22 ~ -14dBm	≤ -31dBm
TP-3412E-S80		1550T(DFP)/1310R			-22 ~ -14dBm	≤ -31dBm
TP-3412E-S100	Single mode single fiber	1310T/1550R	10/100M	0~100 km	-22 ~ -14dBm	≤ -31dBm
TP-3412E-S100		1550T(DFP)/1310R			-22 ~ -14dBm	≤ -31

**Solution:**

