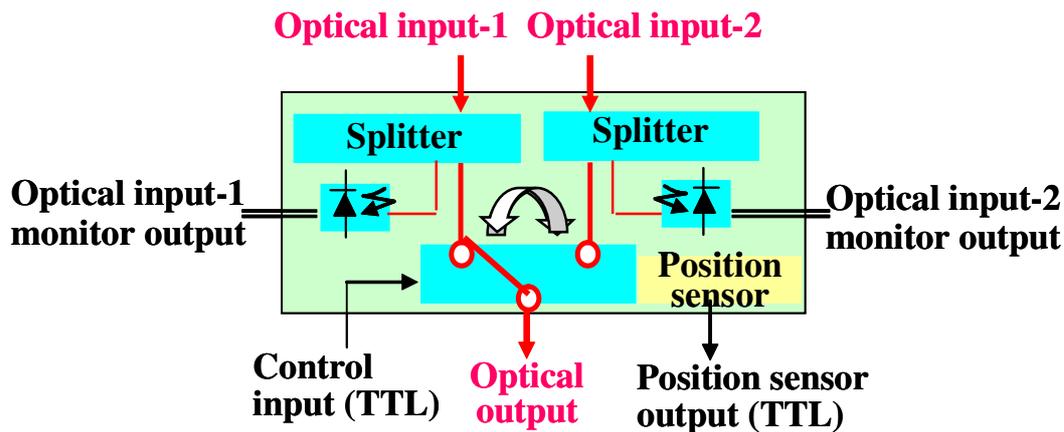


2x1 Optical Switch with Input Optical Power Monitors
for MMF

FAS0201MM10

Block Diagram



Specifications

Optical Switch Characteristics

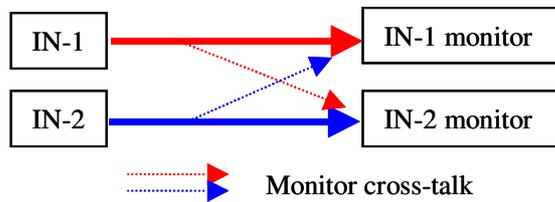
Item	FAS0201MM10	Unit
Split ratio	90:10	
Fiber	GI50	
Wavelength	770 to 860	nm
Optical input power	+10 or less	dBm
Insertion loss *1	770-800nm; 2.0 or less. 800-860nm; 1.8 or less	dB
Repeatibility	0.02 or less	dB
Cross-talk	50 or more	dB
Return loss *1	20 or more	dB
Switching speed	10	ms
Supply voltage (Vcc1)	4.75 to 5.25	VDC
Electical current (switching)	400 or less	mA
Electical current (non-switching)	5 or less	mA
Optical Connector	FC / LC / SC	
Dimensions	W 51×L 27×H 8.8	mm

*1 specified two connectors.

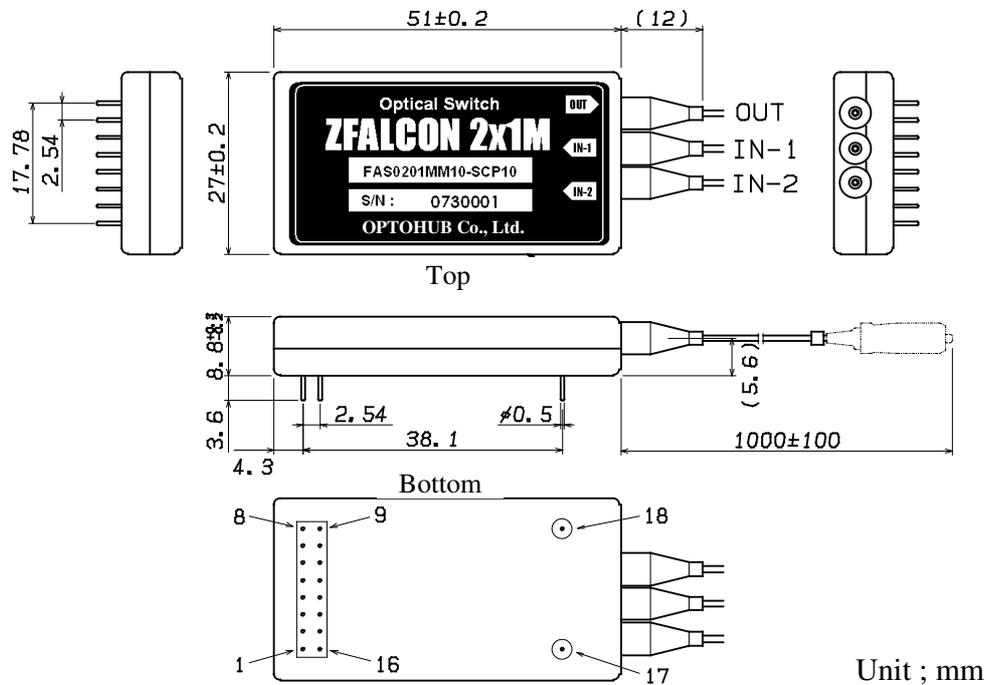
Monitor Characteristics

Item	FAS0102MM10		Unit
Split ratio	90:10		
Optical input power monitor			
Minimum sensitivity	-40		dBm
Monitor cross-talk *1	37 or more		dB
Monitor responsivity	850nm	30.5 to 65.0	mA/W
Switch position monitor			
Supply voltage (Vcc2)	4.75 to 5.25		VDC
Electical current	20 or less		mA
Monitor output	H	4.4 to Vcc	VDC
	L	-0.3 to +0.33	VDC

*1 Monitor cross-talk



Outline Drawings



OPTOHUB Co., Ltd.