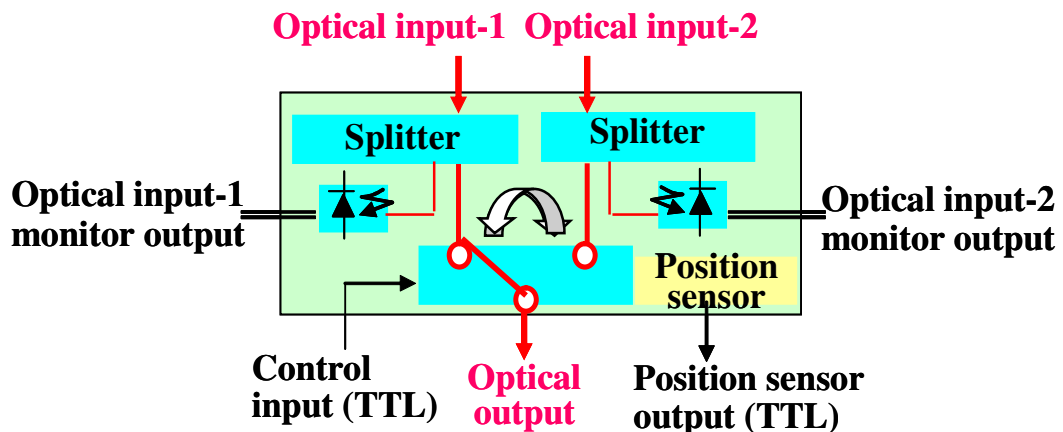


**2x1 Optical Switch with Input Optical Power Monitors
for SMF**

FAS0201MS02

Block Diagram



Specifications

Optical Switch Characteristics

Item	FAS0201MS02	Unit
Split ratio	98:2	
Fiber	SMF	
Wavelength	1260 to 1340 and 1460 to 1620	nm
Optical input power	+24 or less	dBm
Insertion loss *1	1.5 or less	dB
Repeatibility	0.02 or less	dB
Polarization dependence loss	0.3 (typ 0.05) or less	dB
Cross-talk	60 or more	dB
Return loss *2	50 or more	dB
Switching speed	10	ms
Supply voltage (Vcc1)	4.75 to 5.25	VDC
Electrical current (switching)	400 or less	mA
Electrical current (non-switching)	5 or less	mA
Optical Connector	FC / LC / SC	
Dimensions	W 51×L 27×H 8.8	mm

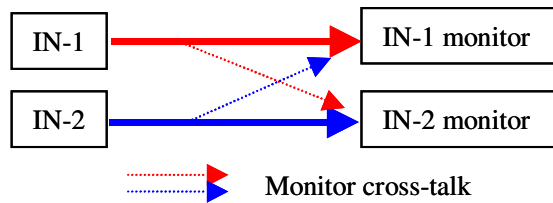
*1 Specified two connectors.

*2 Specified without connectors.

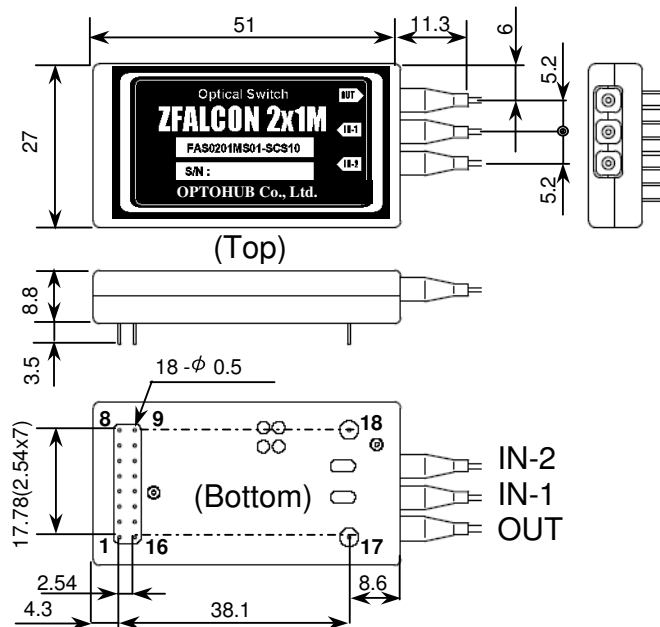
Monitor Characteristics

Item	FAS0201MS02		Unit
Split ratio	98:2		
Optical input power monitor			
Minimum sensitivity	-36		dBm
Monitor cross-talk *1	43 or more		dB
Monitor responsivity	1310nm	14.0 to 32.5	mA/W
	1550nm	16.0 to 32.5	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



Unit ; mm

OPTOHUB Co., Ltd.