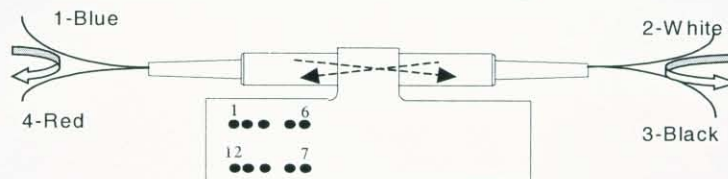


2x2 Compact Fiberoptic Switch (CFSW) Test Data

Ref.No. 1013421
Model No. CFSW2220S31BB
Serial No. 32009891

Wavelength: 1550 nm
Fiber Type: 900μm Loose Tube (SMF-28), 1m
Connector type: LC/PC

Switch function and configuration



Pin connection and status

Optical Path	Pin status							
	Electrical drive				Status contacts			
	1	12	2	11	3 - 5	3 - 6	10 - 7	10 - 8
Reflection 1→4, 2→3	GND	--	GND	+5VDC	Closed	Open	Open	Closed
Transmission 1→3, 2→4	GND	+5VDC	GND	--	Open	Closed	Closed	Open

Performance

Optical Path	1 → 3	2 → 4	1 → 4	2 → 3	Unit
Insertion Loss	0.88	0.90	0.76	0.95	dB
PDL	0.01	0.01	0.01	0.01	dB
Return Loss	>50				dB
Cross-talk	≤ -60				dB
Repeatability *	≤ ±0.05				dB
Switch Speed	≤ 10				ms
Relay Operating Voltage	5				VDC
Relay Operating Current	40				mA
Operating Temperature	-5 ~ 70				°C

Note: Connector loss is included for the above test and all tests are made at room temperature including PDL and WDL.

* At room temperature.

Tested By: <u>Ela</u>	Date: <u>8/2/00</u>	Checked by: <u>[Signature]</u>	Date: <u>8-2-00</u>
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