

2x2 Mechanical MM Bypass Fiberoptic Switch

ACP's MMS Series switch connects optical channels by redirecting an incoming optical signal into a selected output fiber. This is achieved using a patent pending opto-mechanical proprietary configuration and activated via an electrical control signal. The Switch offers ultra-high reliability and fast switching speed as well as bi-directional performance. The MS fiberoptic switches are true switching solution for optical networking applications.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications			
	Single		Dual	
Operating Windows	Single		Dual	
Operating Wavelength	850 ± 40 or 1310 ± 40nm		850/1310 ± 30nm	
Grade	P	A	P	A
Insertion Loss	≤ 1.0dB	≤ 1.2dB	≤ 1.2dB	≤ 1.4dB
Wavelength Dependent Loss	≤ 0.25dB		≤ 0.30dB	
Temperature Dependent Loss (TDL)	≤ 0.25dB			
Channel Crosstalk	≥ 35dB			
Return Loss	≥ 30dB			
Repeatability	± 0.02dB			
Switching Speed (Typ.)	4ms			
Switching Speed (Max.)	≤ 10ms			
Operating Voltage	5V			
Durability (Cycles)	10Million			
Optical Power	≤ 500mW			
Operating Temperature	0 to +70°C			
Storage Temperature	- 40 to +85°C			
Package Dimensions (LxWxH)	V Package: 32.76x12.6x11.0			

All values referenced are without connector.



FEATURES

- Unmatched Low Cost
- Low Insertion Loss
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path
- Latching or Non-Latching

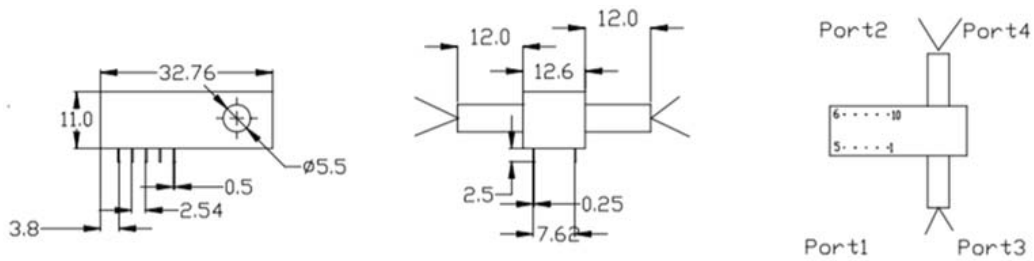
APPLICATION

- Optical Network Protection/ Restoration
- Optical Signal Routing
- Configurable Optical Add/Drop
- Transmitter & Receiver Protection
- Network Test Systems
- Instrumentation

2x2 Mechanical MM Bypass Fiberoptic Switch

MECHANICAL DIMENSIONS

V Package



PORT CONFIGURATIONS

