

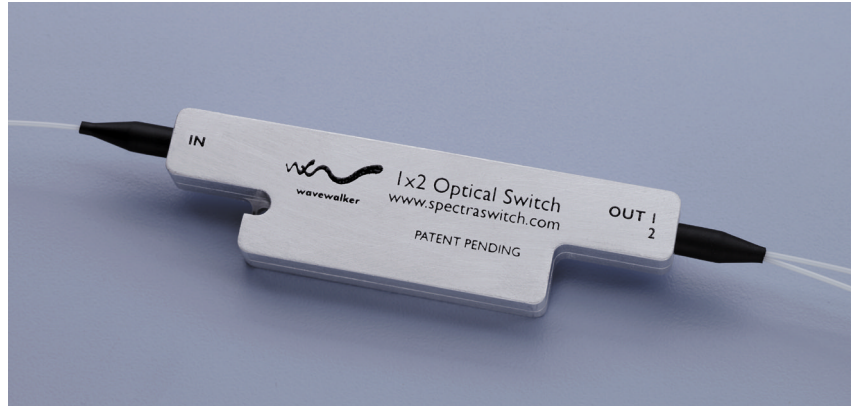


SPECTRASWITCH™

WaveWalker™ 1x2 OPTICAL SWITCH

BENEFITS

- Billion-cycle durability for decades of use
- Fast cycle rate for higher throughput in monitoring applications
- Stable insertion loss for increased system stability
- Nonstick performance for dependability
- No moving parts for increased system reliability



The WaveWalker™ 1x2 all-optical switch has no moving parts, enabling billion-cycle durability and nonstick performance. Switching rates above 80 Hz and stable insertion loss make the WaveWalker switch a good choice for monitoring applications. Bidirectional signal paths, nonstick reliability, and fast switching speed provide solid performance for reconfiguration and network protection.

APPLICATIONS

- Network reconfiguration
- Network protection and restoration
- Fiber optic telecom system testing

SpectraSwitch's proprietary technology leverages 30 years of proven liquid crystal performance and manufacturability, an evolution in technology that assures dependable, highly reliable fiber optic components. These devices have an epoxy-free optical path and a construction that is insensitive to vibrations commonly affecting mechanical devices. Please contact us right away with your switch requirements.

Smart Products for Optical Communications





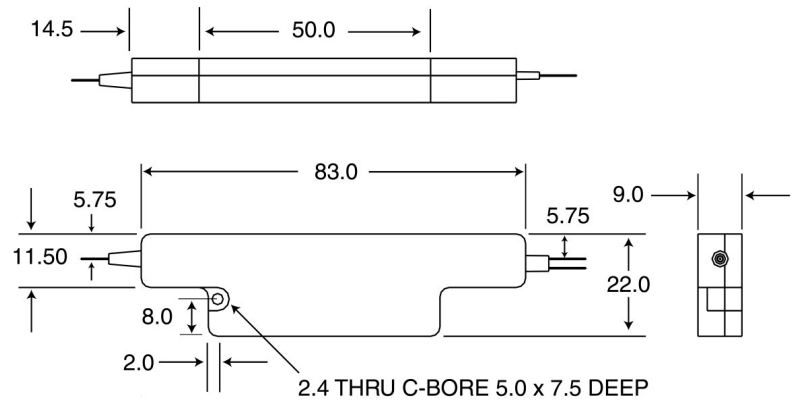
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SPECIFICATIONS

Insertion loss	<1.0 dB
Nominal crosstalk	<-40 dB
Polarization dependent loss	0.2 dB
Operating temperature	0° to 60°C
Nominal switching time	4 msec
Storage temperature	-40° to 70°C
Humidity (noncondensing)	90% RH @ 60°C
Durability	1,000 M cycles
Dimensions*	83x22x9 mm
Wavelength range†	C band
Fiber type	SM
Power supply	5 Vdc
Control	TTL

* Not including driver electronics
† Optimization available
Connectorization available
Manufactured in the USA



INSERTION LOSS VS TEMPERATURE

