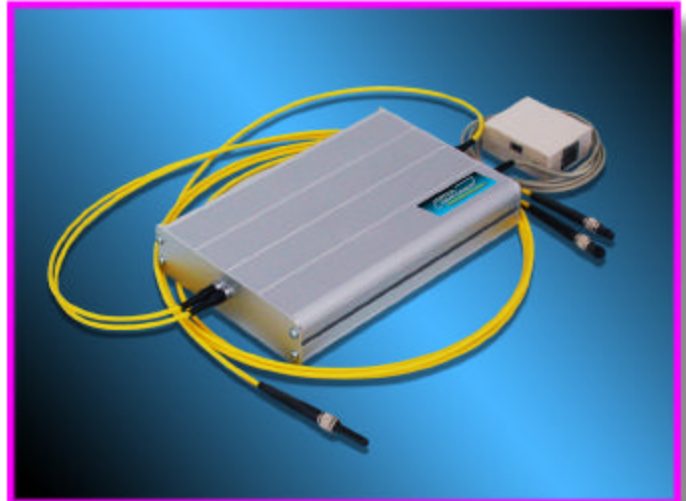


FIBER OPTIC SWITCH

PART NUMBER: CDI-SM12

- Fast Switching Time
- Low Insertion Loss
- High Optical Isolation
- Compact Design



- Double the measurement capacity of your spectrometer system with a low cost high performance switch.
- Select one of two measurement channels
- Provide a reference signal

Specifications:

Part#: **CDI-SM12**

Fiber core	100, 200 or 400 μ m
Insertion loss	Type: HOH (UV/VIS) or LOH (VIS/NIR) 1 dB (max) 0.8 dB (typical)
Crosstalk	-45 dB (max) -50 dB (typical)
Switching time non-latching	3 ms (max) 2 ms (typical)
Repeatability (>1500 cycles over 1 hour)	0.02 dB (max) 0.01 dB (typical) or 0.5% or 0.25%
Operation voltage	5 V (500mA)
Operation temperature range	0° C to 50° C 35° F to 120° F
Storage temperature range	-20° C to 80° C 0° F to 175° F
Fiber length	1 m
Fiber termination	SMA, others on request
Dimensions	168 X 113 X 30 mm

Control Development, Inc. reserves the right to change specifications without notice.

Affordably Priced At \$1,495.00*

***For 100 and 200 micron fiber**



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Control Development, Inc. also manufactures integrated spectroscopy systems for: UV-VIS, NIR, RAMAN, DWDM and OEM customers.

