



Switches

# Photonic Crystal Switch



**HighFinesse**  
Laser and Electronic Systems

## Measurement range

330 – 2000 nm

The wavelength range of the wavemeter will limit the measurement

## Technical specs

Available channels	2, 4, 8
Guaranteed transmission	15 % @ 633 nm
Return loss	< 40 dB
Crosstalk	< -55 dB
Switching time	typ. 12 ms
Supply voltage	5 V
Power consumption	450 mW
Operating temperature	0 – 60° C
Storage temperature	-40° – 80° C
Housing dimensions, 2 channels	125 mm × 200 mm (+fiber) × 43 mm
Housing dimensions, 4 channels	165 mm × 242 mm (+fiber) × 43 mm
Housing dimensions , 8 channels	222 mm × 200 mm (+fiber) × 43 mm
Standard interface	TTL
Optional interface	USB, RS232

## Further Information

For further technical information, application examples, diagrams and for customisation of photonic crystal switches please contact:

Milán Negyedi

[service@highfinesse.de](mailto:service@highfinesse.de)



HighFinesse GmbH  
Wöhrdstraße 4  
72072 Tübingen, Germany



T + 49 (0) 7071 - 53918 0  
F + 49 (0) 7071 - 53918 99  
M [info@highfinesse.com](mailto:info@highfinesse.com)



Additional information  
and distributors:  
[www.highfinesse.com](http://www.highfinesse.com)