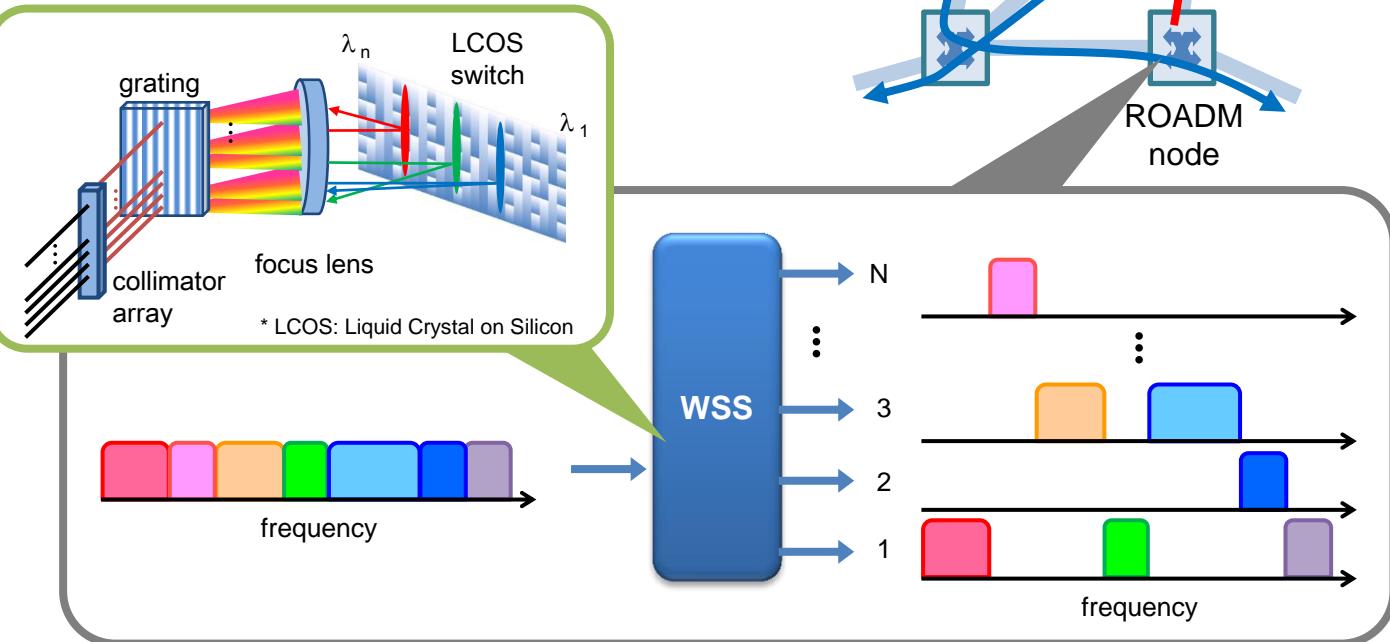
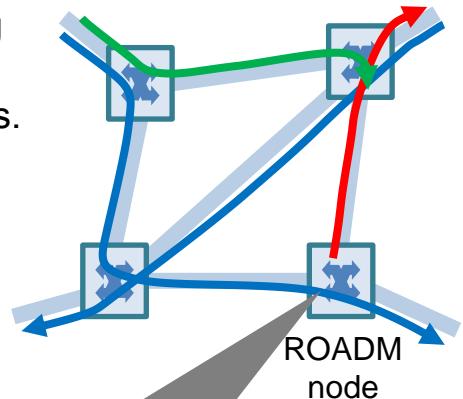


Wavelength Selective Switch (WSS)

Background

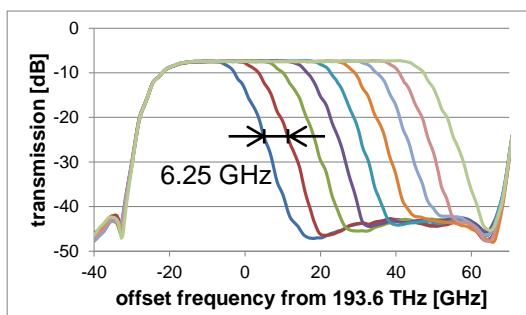
- WSSs route individual WDM channels among output fibers without OEO conversion.
- WSSs are key-subsystems for ROADM nodes.
- High port count WSS offers more add/drop ports in ROADM nodes.

ROADM : reconfigurable optical add drop multiplexer
OEO : optical to electronic to optical

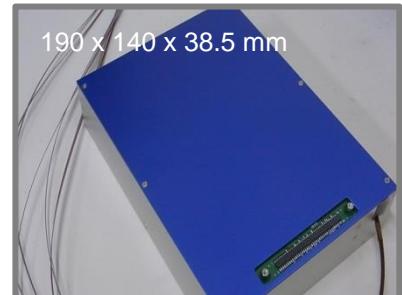


Experimental

Port	1 x 30
Insertion Loss	< 8.5 dB
0.5-dB Bandwidth (aligned to 50-GHz grid)	typ. 35 GHz
Slice Granularity	6.25 GHz



Spectra of Flexible Grid WSS
(4 ~ 12 slices allocations)



Module Type



19-inch Enclosure Type