

Switches the optical paths in the physical layer without interrupting network services.

Compact Optical Switch CSW Series

NTT-AT's optical switch unit, CSW series, is a compact model of our existing brand, NSW. The CSW brings dedicated protection switching to optical networks for a reasonable cost.

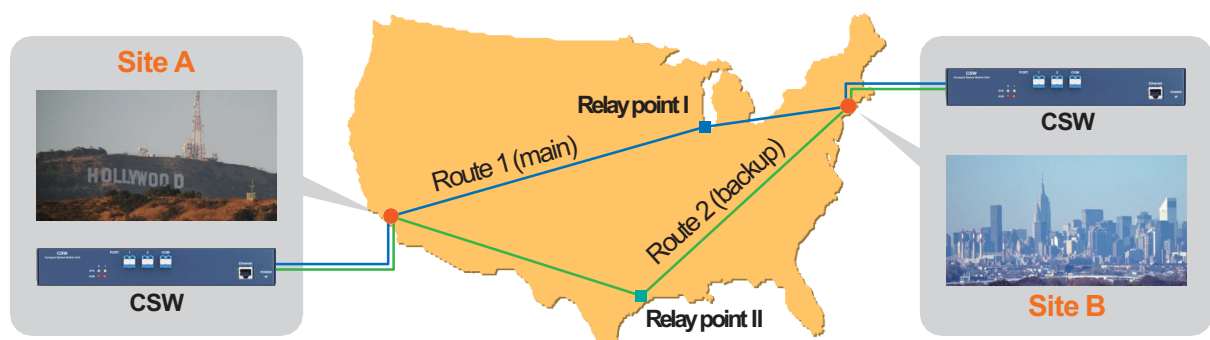


Regular surveillance of optical power and physical switching to instantly restore networks

Dramatically cut network downtime by switching in the physical layer. Realizes an extraordinary availability of over **99.9999%**! CSW's automatic switching of the optical paths greatly reduces the network operating cost.

Passive optical device puts top priority on Fail-Safe operation

Because it is a **passive** (transparent) device, even in the case of a power outage, the network communication itself is not affected. Also, the CSW brings high flexibility, applicable to all types of optical transmission, regardless of the communications protocol.

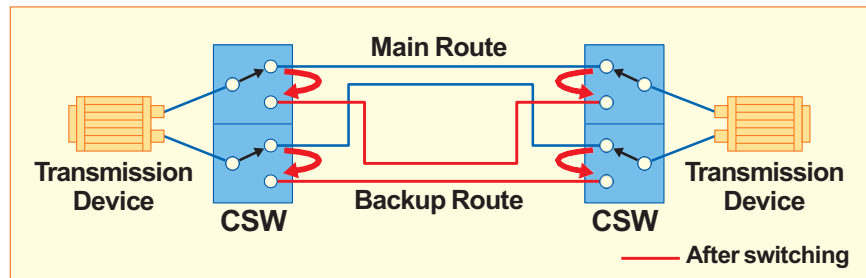


CASE

Transmission Pathway Redundancy

Automatically detecting failures and switching to the backup route without interrupting network services.

Backbone Doubling

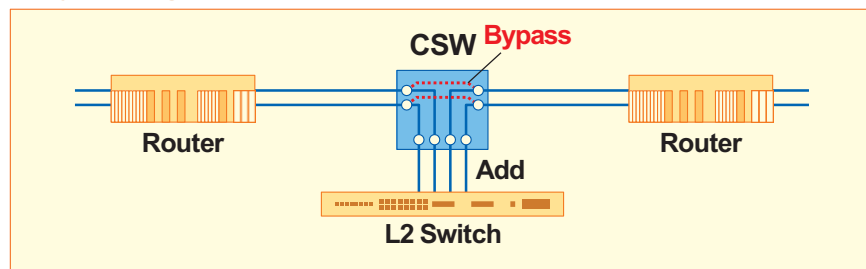


CASE

Ring Network Add/ Bypass

Automatically bypassing the node when the power is lost so that the network services for other nodes continue.

Bypassing The Node

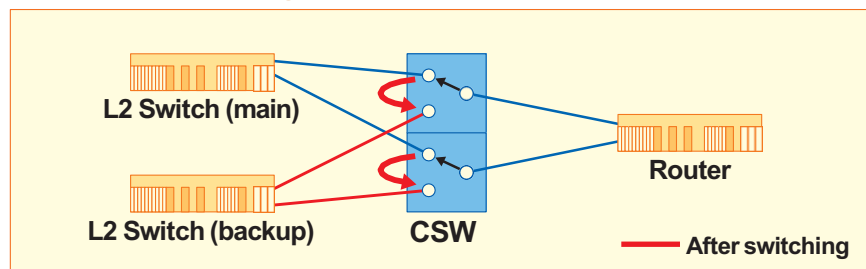


CASE

Network Equipment Redundancy

Automatically switching to backup, which greatly improves the availability and reliability of the services.

L2 Switch Doubling



Product Specifications

Size (mm)	266 (W) x 150 (D) x 42 (H)
Optical Switching Time	10 msec (max)
System Management	Web GUI, SNMP, Telnet, CLI



Notes:
 • Please understand that all comments and data recorded herein may be subject to change without prior notification.
 • Catalog descriptions: as of February, 2018

For more information, please contact

<http://www.ntt-at.com/product/optical-switch/>



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