Fiber-optic systems

High Density 1X2 Optical Switch

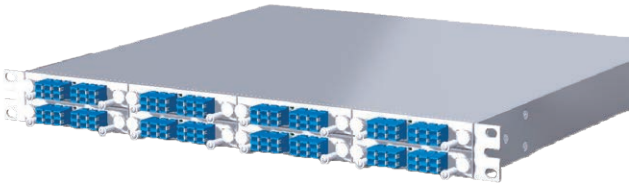
High Density 1X2 Optical Swith[IX-OPTSW]

- **High Density**
  19 inch Rack applicble, 32 of 1X2 switch per sub rack
- **Mass scale Switching**
  512 Switches are cotroled by Only one trigger signal to switch to backup line
- **High cost advantage**
  Lower initial cost by unit architecture Low power consumption (10W typ.)
- **High reliability**
  Duplicated power (hot-swappable) Having a latching mechanism Maintenance features conforming to versatile SNMP

Product name		IX-OPTSW
Management	Management protocol	SNMP
	Interface	10/100BASE-T
Power supply		AC100-240V(50/60Hz)
Cooling system		Forced blowing using a cooling fan unit
Operating conditions	Temperature	0~+50°C
	Humidity	5~90%(Non-condensing)
Dimensions		440(W)×430(D)×44(H)mm(EIA 1U)

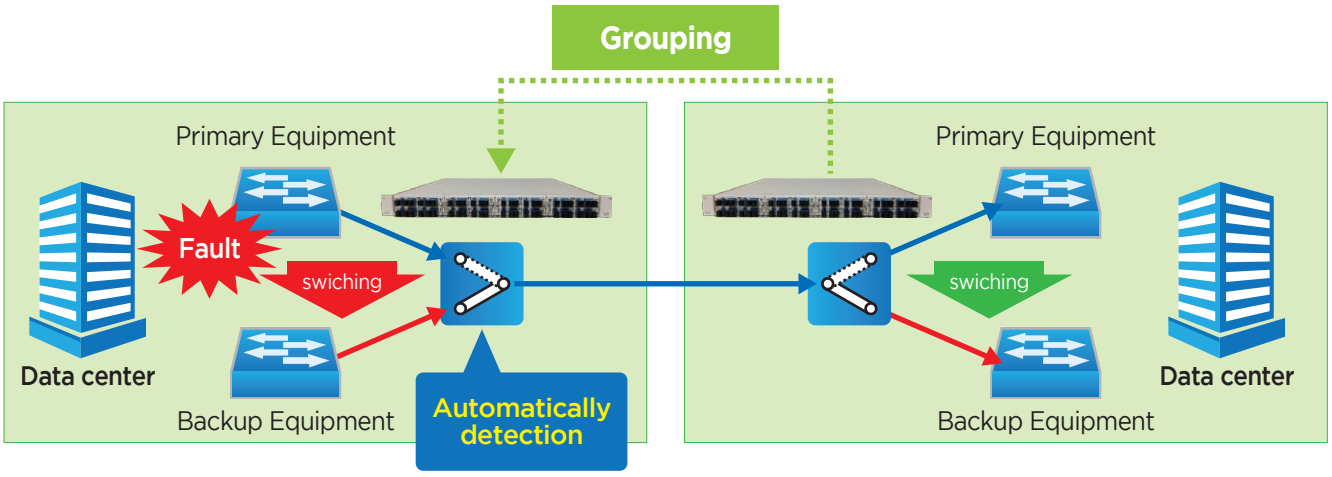
Optical/functional specification example(Optical switch unit)

Insertion Loss	≦1.5dB
Switchng Time	≦10msec
Fiber break detection threshold	-40~+10dBm
Switching protection time	1~1000msec
Optical connector	LC



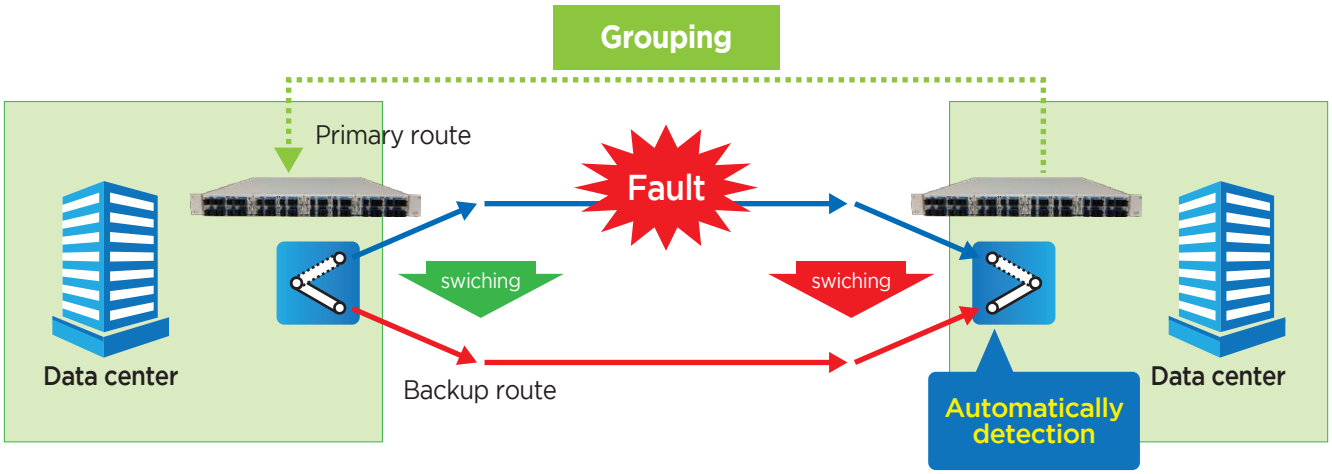
Application 1. Redundant for equipment

- Rapid shifts from primary epuipment to backup one
- Simultaneous switching at opposite side equipment by grouping function
- Applicable for all optical transmission equipment because of protocal and bit-rate free



Application 2. Redundant for Optical route

- Rapid shifts from primary route to backup one
- Simultaneous switching at opposite side switch by grouping function



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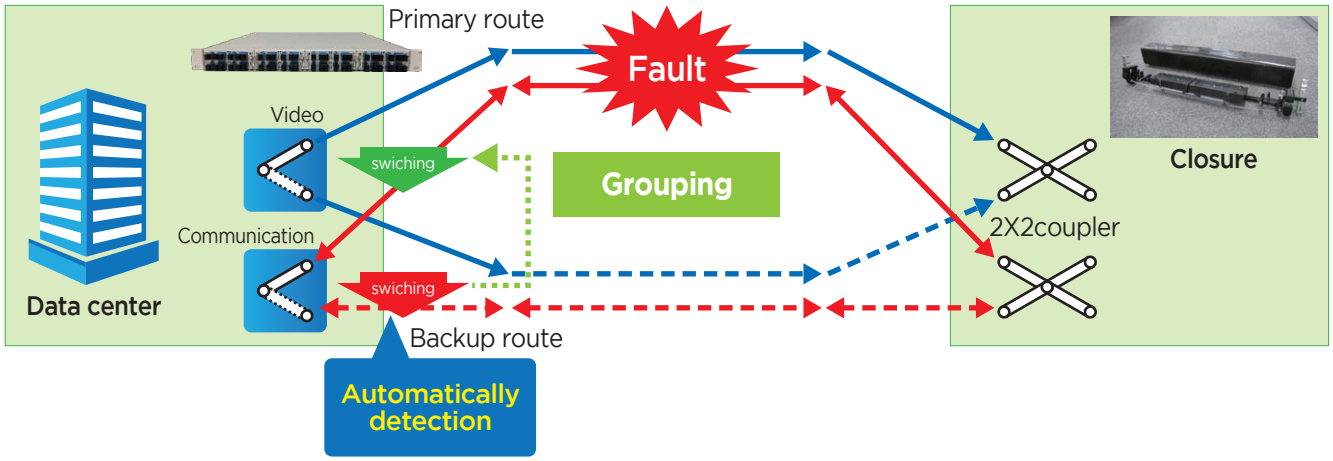
Application 3. Redundant for dual play system

- Monitoring communication signal By using grouping function video route can switch to backup route without individual monitoring



Application 4. Efficiency for maintenance and operation

- Rapid shifts from primary epuipment to backup one
- Simultaneous switching at opposite side switch by grouping function, so it applicable to link aggregation system