

Efficient multipoint measurement realized

## Optical Splitter Box | sw8000

Daisy Chain is one of good features for Fiber Optic Sensors. But it sometimes make it difficult.

For example, if you want to install some sensors to the part to load test, or some single ended sensors.

Optical Splitter Box solves these issues.

It can be extended to 8 fiber line.

The insertion loss is further reduced by the CWDM method.

It makes multi-point measurement in a wide wavelength range more efficient.

The LC plug is easy to plug and extract with an inner shutter.

Optical Splitter Box provides Plug and Play solutions. Smarter and easier wiring.

### Application

Local points Strain monitoring.  
Small Structural Strain monitoring.

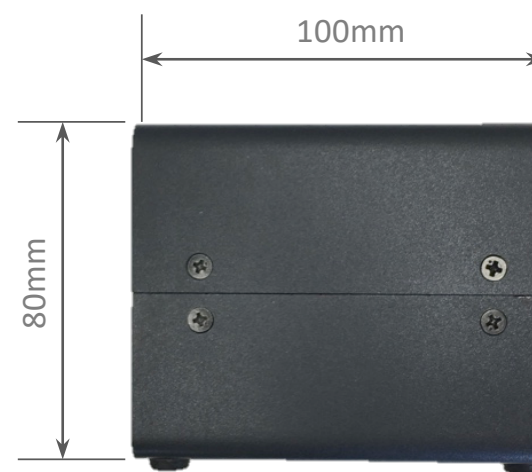
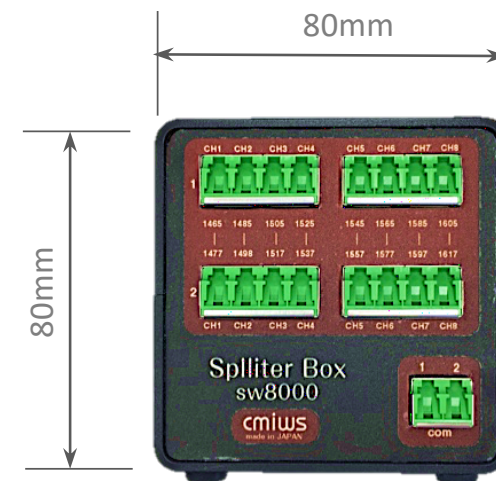


## Specification

Item# sw8000  
 Number of Split Dual(1x8)×2  
 Insertion Loss(dB) ≤6.5  
 Operating Wavelength Range 1461nm ~ 1619nm

CH	Recommended wavelength	Usable wavelength		Unusable wavelength
1	1465-1477	1462~	~1479	1460
2	1485-1497	1482~	~1499	1480
3	1505-1517	1502~	~1519	1500
4	1525-1537	1522~	~1539	1520
5	1545-1557	1542~	~1559	1540
6	1565-1577	1562~	~1579	1560
7	1585-1597	1582~	~1599	1580
8	1605-1617	1602~	~1619	1600

Return Loss(dB) ≥45  
 Directivity ≥50  
 si255 ○  
 sm125 ○  
 sm130 ○  
 Connector Type LC/APC  
 Operating Temperature 0~70°C  
 Dimension W80×H80×D100mm



\*1 Not be used for TDM type of instrument.

\*2 Number of split might be limited depends on the instrument specification. (feel free to ask us)