

FBG Temperature Sensor (P/N: ALTS01)

Alxenses's FBG Temperature sensor ALTS01 can measure the temperature making use of the inherent feature of heat-sensitivity of FBG. It is suitable for long time temperature monitor in the applications for bridges, tunnels, railway and oil gas.

Features

- Fast response
- High stability and reliability
- Easy connection and effective lattice network for multi-point measurement.



SPECIFICATIONS

Temperature Sensor ALTS01

Parameters	Values	Units
Wavelength range	1510~1590	nm
Temperature resolution	0.1 or 0.04	°C
Temperature accuracy	1 or 0.4	°C
Temperature range	-10 ~ +80	°C
Connector type	FC/APC	--
Dimension	DIA. 8 x 100	mm
Cable type	DIA. 3 or armored cable	mm