

ABSTRACT

OPTICAL CABLE MONITORING SYSTEM

Provided is an optical cable monitoring system for monitoring a health of optical cables including plural optical fibers. The system includes an optical power detector including a light power monitor, a failure determination unit and an alert signal generator, the light power monitor measuring light intensity of an extracted portion of communication light transmitted through each optical fiber and obtaining communication light intensity based on the measured light intensity, the failure determination unit determining presence of failure in each optical fiber based on the measurement result of the light power monitor, and the alert signal generator generating an alert signal when failure is determined to occur by the failure determination unit, and a monitoring device that receives an alert signal from the optical power detector.

FIG. 1