

**Uninterrupted Detection,
Anywhere.**

**SUT-W Linear Detection
Wire**



SUT-W Linear Detection Wire

The linear detection wire is designed to provide early warning of excessive temperature rise within a protected compartment by transmitting a signal to the control system. Through the SUT-W configuration, potential damage caused by overheating is effectively prevented.

The system is engineered for rapid installation and simple operation, activating the engine compartment suppression cylinders immediately upon receiving a signal from the control unit.

The linear detection wire is cost-effective, acid-resistant, and ensures reliable protection performance. After every fire detection event, the wires in the engine compartment must be replaced to maintain system integrity.

Technical Specifications

Specification	Value
Usage Type	Single-use configuration
Detection Area	Wide detection coverage
Reliability	High operational reliability
Design	Rigid structural construction
Cable Diameter	6 mm
Bending Radius	150 mm (minimum)
Operating Temperature	-55 °C to +170 °C
Storage Temperature	-55 °C to +170 °C
MTBF (Mean Time Between Failures)	200,000 hours
Cable Length	1 m – 40 m
Alarm Thresholds	120 °C / 150 °C / 170 °C (factory preset)

