

# T<sup>2</sup> LUPIN<sup>®</sup>

**L**ow & High voltage **U**nderground  
distribution fault **P**oint  
**I**Nvestigation devices

[SLUT-A-Y50]



**Togami**

*T<sup>2</sup>LUPIN is designed for **ACCURATE & SPEEDY** detection of the earth fault point, which allows you to **MINIMIZE** workload and cost!*

**Accurate & speedy**

**All distribution system**

**Cost reduction**

**Accurate fault point detection**

○ **Comparison of work duration**

**Compared to other method, work duration can be shortened to 1/3.**

○ **Comparison of cost**

**Compared to other method, cost for excavation and repair can be reduced in 1/3.**

\* Pinpoint fault detection enables to reduce the cost related to the construction. Work site condition and other factors may affect the total expense.

**Distribution system**

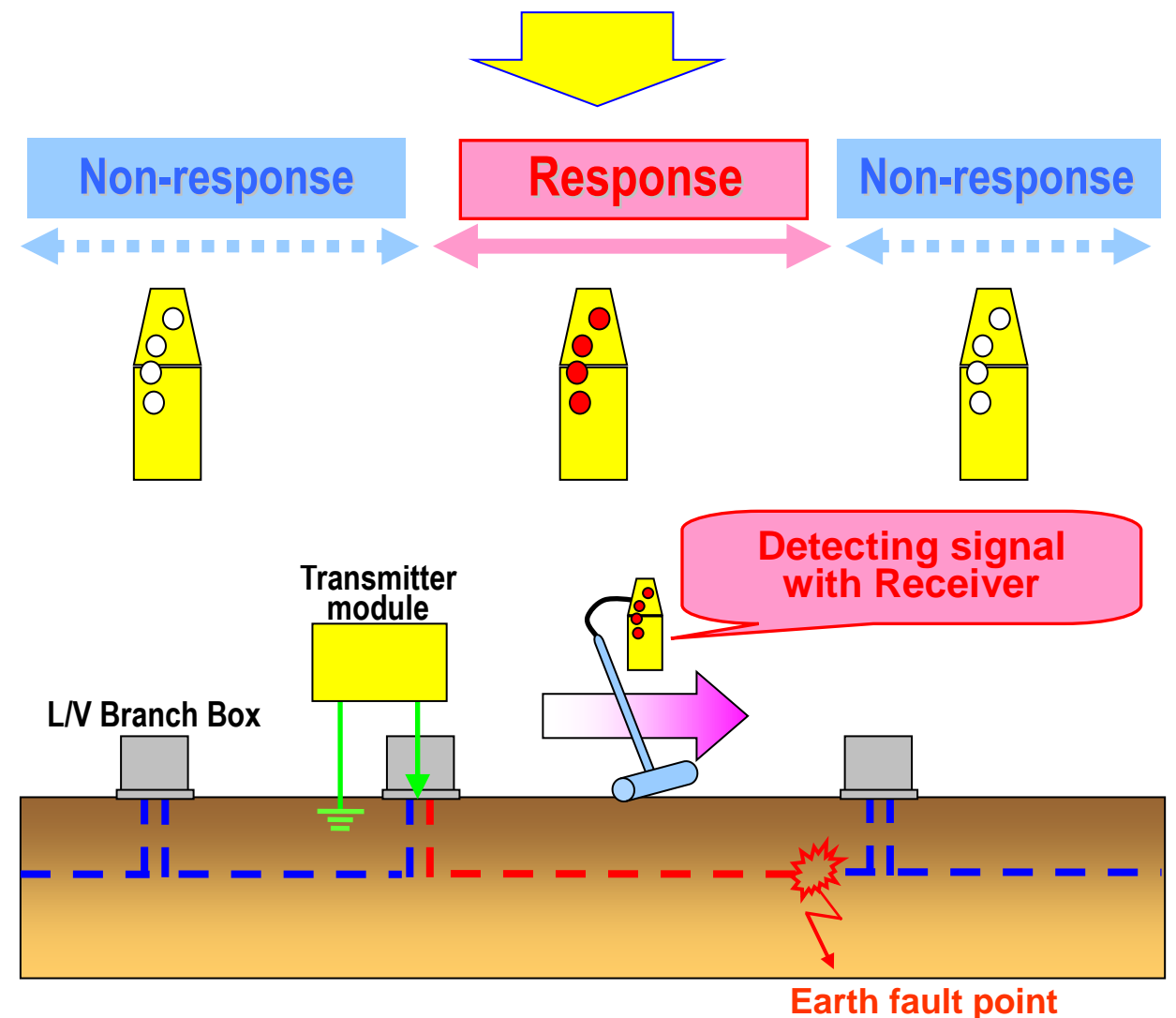
Any distribution system or cable type is traceable.

**Route & depth trace**

No system data is necessary.

**Functional overview**

**Buried cable route tracing enables accurate earth fault point detection.**

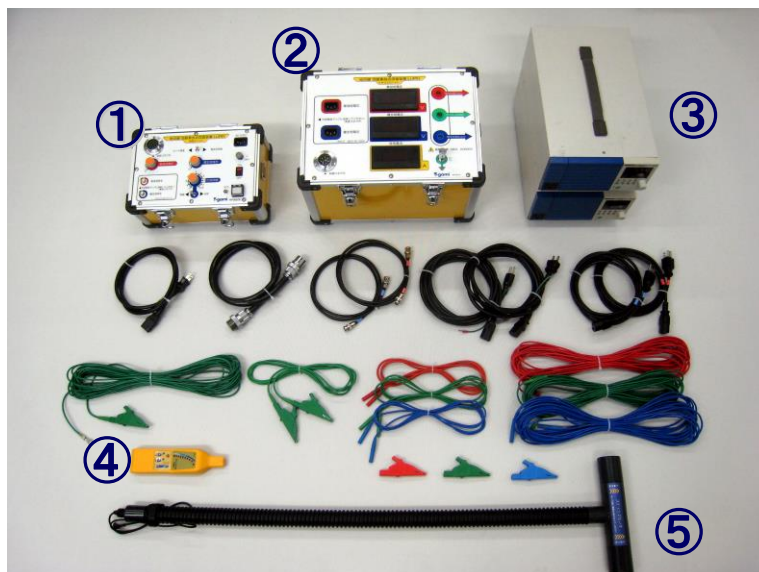


**✓ Max Depth 3.5m**  
**✓ Max Length 6.0km**

## Specifications

Model	SLUT-A-Y50	
Tracing signal frequency	428Hz(50Hz area)/453Hz(60Hz area)	
Tracing signal voltage	Route trace	0 - 12V
	Fault point trace	0 - 600V
Applicable cable	Low- and high-voltage cable of dead line	
Max. traceable length	1km (earth-fault resistance 60k $\Omega$ ) - 6km (earth-fault resistance 10k $\Omega$ )	
Traceable earth fault resistance	Max. 60k $\Omega$ (continuous earth fault) [rated 30k $\Omega$ ]	
Traceable buried cable depth	0.6m - 1.2m - 1.8m - 2.4m (selectable from four levels) [max. depth 3.5m]	
Applicable protection for buried cable	SGP pipe, SVP pipe, and bare cable	
Power source voltage	AC90 - 110V/ 190 - 250V 50/60Hz	

## Configuration



- ① Control Unit      ② Transformer Unit      ③ Auxiliary Power Amplifier  
④ Receiver      ⑤ Stick Sensor

\* Generator for unit and Megger to measure the earth fault resistance shall be prepared by customers.

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