

# SIG-Series Comparison Matrix

Support WAVE MATE™ Easy report & Sharp waveform analysis

## SIG-7000 Overview

- **Upgraded** model of the **SIG-5000** with enhanced performance and reliability.
- **Detects** subtle cable variations beyond the capability of conventional devices.
- **Enables** preventive diagnostics to ensure structural safety through high-resolution analysis.
- **Overall**, the **SIG7000** is ideal for applications that demand the highest level of measurement precision.



## SIG-700MX16 Overview

- **Enables** rapid fault detection across 16 channels.
- **Offers** optimized, high-precision performance.
- **Compact**, portable, and built for demanding environments.
- **In summary**: designed for versatile, high-performance monitoring.



## SIG-5000 Overview

- **Compatible** with all types of metallic cables
- **Accurately** detects and verifies events in cable connections and structures.
- **Effectively** addresses cable management issues in complex networks and power plant environments.
- In summary, the **SIG5000** is designed for demanding environments such as long-distance power lines.



Available Power Bank Battery



USB type Adapter



7-inc High-Res Screen



WAVE MATE™ Support



# SIG-Series Comparison Matrix



Specifications	SIG-7000 Ultra-Precision	SIG-5000 Long-Range	SIG-700MX16 Multi-Channel
Accuracy	±1cm (coaxial)	±0.1% ±0.1m	±1cm per channel
Sampling Rate	50 GS/s	4 GS/s	50 GS/s
Range	10cm ~ 300m	50cm ~ 20km	10m per channel
Resolution	0.5mm	2.5cm	2mm
Channels	Single	Single	16 independent
Display	7" color LCD	7" TFT color LCD	Software-based
Power	Battery (8 hrs)	Battery (8 hrs)	100-240 VAC
Weight	3.2 kg	2.8 kg	Benchtop
Primary Use	Mission-critical precision	General-purpose diagnostics	Multi-channel testing

SIGNATRIC Waveform Cable Fault Locator has been using in many industrial sites.

Power/Electricity	Communication	Transportation	Construction
Power plant Smart factory	Network Monitoring	Vehicle Ship	Public infrastructure

