

# Xcan

## Cable and Antenna Analyzer for Accurate Measurement

Xcan is designed for convenience of field engineers by combining cable and antenna analyzers together. Light weight and handy design makes it easy for field engineers to carry it wherever it is needed. State-of-the-art measurement technology enables fast and highly accurate measurement.

### Use Xcan For

- Network equipment installation
- Field network maintenance service
- Instant measurement and analysis

### Benefits

- Wide frequency range
- Fast and highly accurate measurement
- Very light and compact design
- Immediate diagnosis and trouble shooting
- Easy to operate and convenient to use
- Simple upgrade by S/W download
- Rechargeable battery operated
- USB interface for Wi-Fi dongle and host communication

### Xcan System Configuration



### Specification

Item	Specification	Remarks
Frequency Range	650MHz ~ 3.8GHz	Wideband Design
VSWR Range (Resolution)	1.05~45(0.01)	-
Connector Type	N Type (Female)	-
DTF Max Distance (meters)	$(1.5 * 10^8 * V_p * (Points - 1)) / (F_2 - F_1)$	<ul style="list-style-type: none"> <li>▪ <math>F_2 - F_1</math> : measurement frequency of start(<math>F_1</math>) and stop(<math>F_2</math>)</li> <li>▪ Points : Number of frequency data points used during measurement</li> <li>▪ <math>V_p</math> : Relative propagation velocity</li> </ul>
DTF Resolution (meters)	$(1.5 * 10^8 * V_p) / (F_2 - F_1)$	
Communication	Wi-Fi or USB	Wi-Fi (5GHz) Communication optional
Display and GUI	Android smart phones or Tablets	
Size / Weight	80 x 197.5 x 21.5mm	
Battery Capacity	3,200mAh	Over Two Hours
Calibration	Open, Short and Load	-
Operating Temperature	-10°C ~ +40°C, humidity 85% or less	-
Warmup Time	Less than 5 minutes	-
Recommended calibration cycle	12 months	-

\* Note 1 : All specifications above can be met after 5 minute warm up and standard OSL calibration

\* Note 2 : The instrument is within the recommended calibration cycle of 12 months

# Xcan

## Functions

Characteristics	Description	Remarks
Wideband	All Mobile Communication Frequency Range	650MHz~3.8GHz
Precise	High Accuracy, High Resolution	1.05~45(0.01)
Versatile	Cable and Antenna Applications	DTF, VSWR, Return Loss
Compact and Light	Can be Managed by One Hand	80 x 180 x 22mm / 510g
Wireless	Wi-Fi communication by optional Wi-Fi dongle	Android Phones/Tablets recommended
Convenient	Android Application Available	Android Phones recommended
Calibration	Recommends OSL calibration prior to the measurement	-

