



# Quick Fact Sheet Spectrum Master™ MS2713E

9 kHz to 6 GHz

**Anritsu**  
Advancing beyond

## Key Specifications

Spectrum Analyzer	
Frequency	9 KHz to 6 GHz for MS2713E (Usable to 0 Hz)
DANL	-162 dBm in 1 Hz RBW
Phase Noise	-100 dBc/Hz Max @ 10 kHz Offset at 1 GHz
Dynamic Range	> 102 dB in 1 Hz RBW
General	
Internal Trace	>2,000 traces, >2,000 Setups
External Trace	Limited by Size of USB Flash Drive
Connectivity	Ethernet, USB Cable, USB Memory Stick, and RJ45 Connector for Ethernet 10-Base T
Display	Resistive Touchscreen, 8.4" Daylight Viewable Color LCD, Resolution 800 x 600
Temperature	Operating Temperature -10 °C to 55 °C
Battery	Li-Ion, 3.0 Hours, Typical
Dimensions	273 mm x 199 mm x 91 mm (10.7 in x 7.8 in x 3.6 in)
Weight	3.45 kg, (7.6 lbs)

## Standard Accessories

Part Number	Description
2000-1654-R	Soft Carrying Case
2000-1691-R	Stylus With Coiled Tether
633-75	Rechargeable Li-Ion Battery
40-187-R	AC-DC Adapter
806-141-R	Automotive Cigarette Lighter 12 VDC Adapter
3-2000-1498	USB A/5-pin mini-B Cable, 10 Feet/305 cm
2000-1371-R	Ethernet Cable 7 Feet/213 cm
11410-00511	Spectrum Master MS2713E Technical Data Sheet
	Three Year Warranty (One Year for Battery)
	Certificate of Calibration and Conformance

## Optional Accessories

### Portable Antennas



### Test Port Cables, Armored



## Options

Option	Description
MS2713E-0010	Bias Tee
MS2713E-0009	20 MHz Bandwidth Demod
MS2713E-0031	GPS Receiver (Requires GPS Antenna)
MS2713E-0019	High-Accuracy Power Meter (Requires External Power Sensor)
MS2713E-0029	Power Meter
MS2713E-0025	Interference Analyzer (Option 31 Recommended)
MS2713E-0027	Channel Scanner
MS2713E-0431	Coverage Mapping (Requires Option 31)
MS2713E-0444	EMF Measurements (Requires Anritsu Isotropic Antenna)
MS2713E-0090	Gated Sweep
MS2713E-0020	Tracking Generator
MS2713E-0509	AM/FM/PM Analyzer
MS2713E-0752	CPRI LTE RF Measurements (Requires Option 759)
MS2713E-0753	OBSAI LTE RF Measurements (Requires Option 759)
MS2713E-0759	RF Over Fiber Hardware (Requires Option 752 or 753, Cannot Be Ordered with Options 57 or 79)
MS2713E-0880	GSM/GPRS/EDGE Measurements (Requires Option 9)
MS2713E-0881	W-CDMA/HSPA+ Measurements (Requires Option 9; Option 31 Recommended)
MS2713E-0882	TD-SCDMA/HSPA+ Measurements (Requires Option 9; Requires Option 31 for Full Functionality)
MS2713E-0883	LTE/LTE-A FDD/TDD Measurements (Requires Option 9; Requires Option 31 for Full Functionality)
MS2713E-0886	LTE 256 QAM Demodulation (Requires Option 883)
MS2713E-0884	CDMA/EV-DO Measurements (Requires Option 9; Requires Option 31 for Full Functionality)
MS2713E-0885	WiMAX Fixed/Mobile Measurements (Requires Option 9; Option 31 for Full Functionality)
MS2713E-0887	NB-IoT Analyzer (Requires Option 9)
MS2713E-0030	ISDB-T Digital Video Measurements (Requires Option 9)
MS2713E-0032	ISDB-T SFN Measurements (Requires Option 9)
MS2713E-0079	ISDB-T BER Measurements (Requires Options 9 and 30, cannot be ordered with Option 759)
MS2713E-0064	DVB-T/H Digital Video Measurements (Requires Option 9)
MS2713E-0078	DVB-T/H SFN Measurements (Requires Option 9)
MS2713E-0057	DVB-T/H BER Measurements (Requires Option 64, Cannot Be Ordered With Option 759)
MS2713E-0098	Standard Calibration (ANSI Z540-1-1994)
MS2713E-0099	Premium Calibration (ABSI Z540-1-1994) Plus Printed Test Data

[www.anritsu.com](http://www.anritsu.com)