



FCAA-100 Cable&Antenna Analyzer

- Frequency range: 25MHz to 4GHz; suitable for 2G/3G/4G/WiMAX system etc.
- Dynamic Rang up to 60dB
- Intelligent limit /marker /curve calculations
- More than 8 hours long battery life
- 7 inch color LCD touch screen
- Optimized batch file management: edit/delete/filter
- Excellent Man-Machine interface for easy operation

Items	Specifications
Frequency Range	25MHz - 4000MHz
Frequency Resolution	100kHz
Frequency Accuracy	+/-25ppm
Output Power	0dBm(typ.)
Measurement Speed	3.5ms/point
Data Points	137, 251, 551, 1103
Anti-jamming Capability	
Frequency	-5dBm
Channel	+17dBm
Directivity	42dB (after calibration)
Return Loss	
Return Loss Range	0 - 60 dB
Return Loss Resolution	0.01dB
VSWR	
VSWR Range	1 - 65
VSWR Resolution	0.01
Cable Loss	
Cable Loss Range	0 - 30dB
Cable Loss Resolution	0.01dB



Items	Specifications
Distance-to-Fault	
Distance-to-Fault Return loss Range	0 - 60 dB
Distance-to-Fault SWR Range	1 - 65dB
Measuring Length	1500m
Resolution Ratio	Where Vp is the cable's relative propagation velocity where F2 is the stop frequency and F1 is start frequency
Data Points	137, 251, 551, 1103
General information	
Connector Type	N - Type female
Input Impedance	50 Ohm
Display	7 inch resistor touch screen, resolution 800×480
Data Interface	One USB Host Port One USB Device Port One 10M/100M Adaptive LAN Port
Memory Space	>2000 traces
Internal Battery	11.1V 7800mAh Rechargeable Lithium Battery
External Adapter	110 - 240V, 50 - 60Hz, AC input; 16V, 3.75A, DC output
Operating Temp. Range	-10°C - +50°C
Storage Temp. Range	-40°C - +70°C
Humidity	0 - 85% (Non-Condensing)
Weight	2.5kg (Suttle)
Dimensions (L x W x H)	290×175×75mm
Standard accessories	
Lithium Battery, AC Adapter, CD(PC Software, User Manual), Carrying Case, T-type Calibration Kits, Quick Reference, Warranty card	
Optional	
TPM Module (Optional)--RF Terminal Power Meter SPM Module (Optional)--In Line Digital Frequency Spectrum Power Meter	