

## 4GHz Cable & Antenna Analyzer

# Protek A434L

Protek A434L is a new cable & antenna analyzer designed for use in the field offering the four measurement capabilities such as VSWR, Cable Loss, DTF(Distance to Fault) and power meter with convenient short-cut buttons. Protek A434L has been lighter with long battery life. the lightweight and simple operation make Protek A434L indispensable to technicians who need an sufficient measuring instrument outdoor for the installation and maintenance to antenna system.



Model	Frequency Range	Frequency Accuracy	Max Input Power	Frequency Resolution
Protek A434L	5MHz ~ 4GHz	$\lt \pm 3\text{ppm}$	+25dBm	10kHz

### Features

- Function : VSWR, DTF, Cable Loss, Power Meter
- Frequency Range : 5MHz ~ 4GHz
- Number of Data Point : Up to 2001
- Accuracy :  $\lt \pm 3\text{ppm}$
- Single & Dual Mode Display
- Battery Indicator
- 7inch TFT Sun-light Readable Display
- USB, LAN Interface



D134  
(Directional Power Sensor)



S134  
(Terminating Power Sensor)



C122R5  
(Battery Charger)

## Specifications

	Description	Specification
General	Max Input Power	+25dBm Damage level
	Frequency Range	5MHz ~ 4GHz
	Frequency Accuracy	< $\pm 3$ ppm
	Frequency Resolution	10kHz
	Impedance	50 $\Omega$
	Scan Speed	< 1msec /data point
	Display	Single & Dual mode
	Test Port	N Type Female
	Test Curve Storage	Internal : Minimum 512MB External : Limited by size of USB (32G)
	Screen Storage	
Setup Storage		
VSWR	Number of Data Points	126, 251, 501, 1001, 2001
	Return Loss Range	0 ~ -60 dB
	VSWR Range	1 ~ 65
Cable Loss	Cable Loss Range	0 ~ -30dB, 0.01dB Resolution
Interference Immunity	On-Frequency	+ 10dBm
	On-Channel	+ 20dBm
DTF	Return Loss Display Range	0 ~ 60dB
	Distance Range	0 ~ 1250m (4125ft)
	VSWR Display Range	0 ~ 65
Others	Interface	USB, Lan / Earphone Jack
	Dimension	260X193X67mm
	Weight	<2.45kg include battery
	Battery	4hours operating time after full charging
	Standard Products	Battery, Adapter, Manual, Bag
	Operating Condition	Temp : 0 ~ 40°C / Humidity : <70%RH
	Input Power	Li-ion Battery 8.4V DC MAX, 7800mAh (100 ~ 240V AC, 1.5A) DC 12V, 5A Adapter
Power Meter(Optional)	Frequency Range	20MHz ~ 3.8GHz
	Sensor Type	Average
	Peak Power Sensor	-40dBm to +10dBm
	Accuracy	$\pm 7\%$
	Test Port	N Type Female