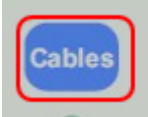


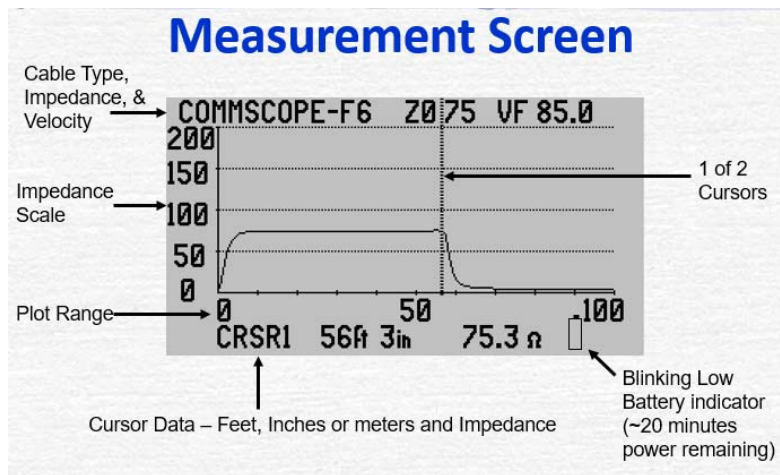


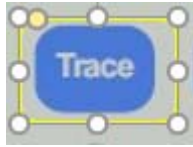
# AEA TDR Getting Started Guide for Cable TV



Step 1		Set up Cable Type	Choose best cable type from list or make manual entry
Step 2		Set up Vertical Scale	Normally 200 Ohms to start
Step 3		Set up Cable Length	10 feet – 20,000 ft

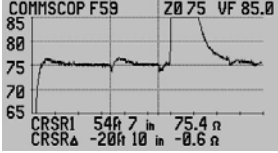
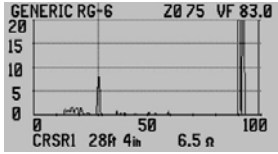


# To Use Advanced Features



**TRACE OPTIONS**

→ Z SCALE (OHMS) : 200  
 TRACE RANGE : 50  
 START DISTANCE : 0  
 MICRO FAULT : OFF  
 TEST LEAD NULL : OFF  
 NOISE FILTER : OFF

<p>Micro Fault Mode: All Faults</p> <p><b>TRACE OPTIONS</b></p> <p>Z SCALE (OHMS) : 200          TRACE RANGE : 50          START DISTANCE : 0          → MICRO FAULT : ALL FAULTS          TEST LEAD NULL : OFF          NOISE FILTER : OFF</p>	<p>Acts like a vertical zoom to get better Ohms resolution          Cable's <math>Z_0</math> stays centered</p>	<p>Very useful for shooting through taps</p> 
<p>Micro Fault Mode – Kinks Only</p> <p><b>TRACE OPTIONS</b></p> <p>Z SCALE (OHMS) : 200          TRACE RANGE : 50          START DISTANCE : 0          → MICRO FAULT : KINKS ONLY          TEST LEAD NULL : OFF          NOISE FILTER : OFF</p>	<p>TDR's normal display will shift to an amplified reflection display with <math>Z_0</math> as base line .          In this example a fault barely seen in the normal impedance display shows up clearly.</p>	<p>Useful to see small crushes and kinks in cable</p> 
<p>Start Distance</p>	<p>Can shift the start point of the instrument's measurement</p>	<p>Useful when the user is targeting a certain part of the cable</p>
<p>Test Lead Null</p>	<p>Will remove the effects of a test lead</p>	<p>Useful when a test lead is used to allow operator to be in safer position</p>
<p>Noise Filter On / Off</p>	<p>Will remove most AC noise off a line</p>	<p>Useful when ingress is present on cable</p>