

## Cable Assembly and Wire Harness Testing Capabilities



### Cirris Easy Touch w/ 3 expansion boxes Qty 3

- Can test a total of **512 points**.
- For open/short, continuity, miswire testing.
- Hi-pot testing at **2000 Vdc and 1000Vac**.
- Can also test the following components:
  - Resistors
  - Diodes
  - Capacitors
  - LEDs
  - Switches
  - Twisted Pairs

### Cirris 1100H+ Testers Qty 3

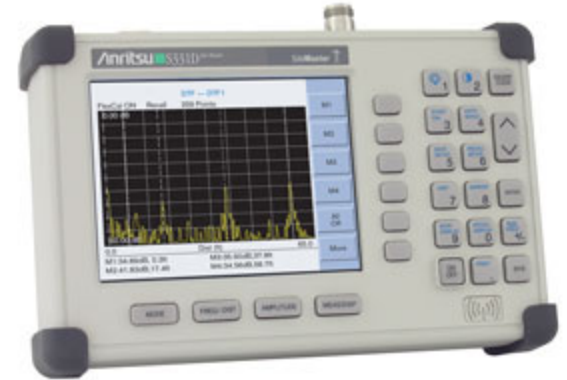
- Each machine has **128 points**, but we can purchase add-on boxes with 128 pts each.
- For open/short, continuity, miswire testing.
- Hi-pot testing at 1000 Vdc and 1000Vac.
- Can test assemblies with passive components such as:
  - Resistors
  - Diodes
  - Capacitors
  - Twisted pairs



## Cable Assembly and Wire Harness Testing Capabilities

### Anritsu S331D Site Master Network Analyzer Qty 1

- 1-port cable and antenna analyzer covering 2 MHz to 6 GHz range. Standard measurement include:
  - Return Loss
  - VSWR
  - Cable Loss
  - 1-port Phase
  - Distance-to-Fault Return Loss
  - Distance-to-Fault VSWR
  - RF Power (50MHz to 6 GHz).



### Fluke networks Cable IQ qualification tester

Troubleshoots and qualifies Ethernet network cabling speed up to 1000 mbps.



### We also have several other meters available such as:

- Fluke networks TS90 cable fault finder
- BK Precision mod 307A Insulation-Continuity meter

### Mark-10 Pull Tester

- MRO uses the Mark-10 Pull Tester in ensuring the specified tensile strength and retention force required for a crimped contact and ferrule are met.
- This tester can pull up to 200 lbs-force.

### Other tests performed for a customer:

- Propagation Delay Testing/Optical Length Test
- Bend Testing/Strain Relief Testing
- Shear Strength Testing (custom tester for the specific requirement of the customer)
- Torsional Tolerance Testing (custom tester for the specific requirement of the customer)

