

## 2230 Sequence Termination Unit



The 2230 Sequence Termination Unit (STU) is installed at the end of fiber optic cables that are equipped with a metallic conductor (cable armor, trace wire or copper pair) that will be used to monitor outside plant cable networks. The STU facilitate end-to-end continuity testing of the fiber optic cable conductor up to 125 kms or 78 miles that can be either a long haul or metropolitan branch network. The STU sensor can be installed in remote buildings, cabinets and terminating splice enclosures that are above or below grade installations. Input leads are present for moisture detection or security monitoring applications. Each outside plant cable network can accommodate up to 20 termination points identified with a unique termination code sequence. Quickly identifying which branch of the network is experiencing end to end continuity issues.

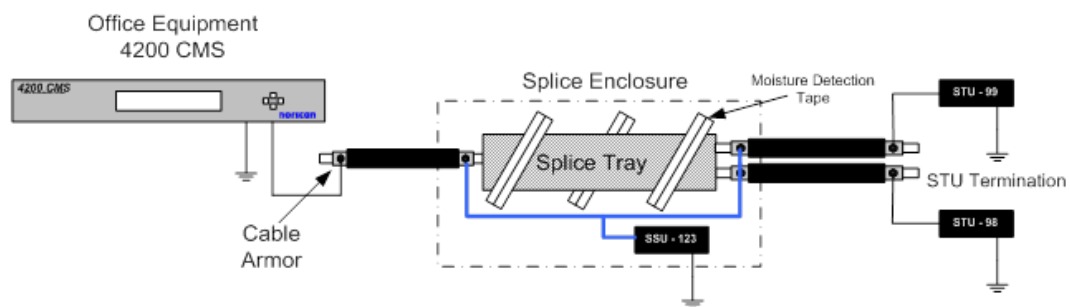
### Features

- Up to 20 STU sensors can be used per ACU monitoring card
- Field programmable codes and baud rate settings (3, 10 and 32)
- Re-programmable with new code or baud rate if relocated or incorrectly programmed
- Compatible with cable and fault locator tones
- Input leads can be attached to MDT or Security switches (n/o contacts)
- High reliability including heavy duty surge protection
- Completely encapsulated for operation under severe environmental conditions

# Specifications

ITEM	QUANTITY/SPECIFICATION	NOTES
<b>Protection</b>		
AC Voltage Rating (Continuous)	150 VAC 60 Hz @ 25C	
DC Breakdown Voltage	335 – 505v @ 100 v/sec	
Impulse Breakdown	1000v at 1000 v/μsec	
Impulse Current Rating	40,000 A 20,000 A 1,000 A	8/20μs, > 1 operation 8/20μs, > 10 operations 10/1000μs, > 400 operations
<b>Physical</b>		
Dimensions	3.5" x 1" x .75" (8.9 cm x 2.5 cm x 1.9 cm)	
Weight	0.25 lbs (0.11 kg)	
<b>Environmental</b>		
Operating Temperature Range	-50°C to +85°C -58°F to +185°F	
<b>Model Number(s)</b>	2230 C 2230 B 30162	Cable Armor/Tracewire Copper Pair Sensor wall mount bracket

# Typical Application



UP TO 20 STU SENSORS CAN BE USED PER ACU MONITORING CARD

FIELD PROGRAMMABLE CODES AND BAUD RATE SETTINGS (3, 10 AND 32)

RE-PROGRAMMABLE WITH NEW CODE OR BAUD RATE IF RELOCATED OR INCORRECTLY PROGRAMMED

COMPATIBLE WITH CABLE AND FAULT LOCATOR TONES

INPUT LEADS CAN BE ATTACHED TO MDT OR SECURITY SWITCHES (N/O CONTACTS)

HIGH RELIABILITY INCLUDING HEAVY DUTY SURGE PROTECTION

COMPLETELY ENCAPSULATED FOR OPERATION UNDER SEVERE ENVIRONMENTAL CONDITIONS

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