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	SPECIFICATION SHEET	

Description

The 700 Series Opticom detectors transform the optical energy detected from an approaching vehicle-mounted Opticom emitter to an electrical signal. The electrical signal is transmitted along a cable to the Opticom phase selector or discriminator for processing.

Detectors are mounted at or near the intersection that permits a direct, unobstructed line-of-sight to vehicle approaches. Detectors may be mounted on span wire, mast arm, or other appropriate structures.

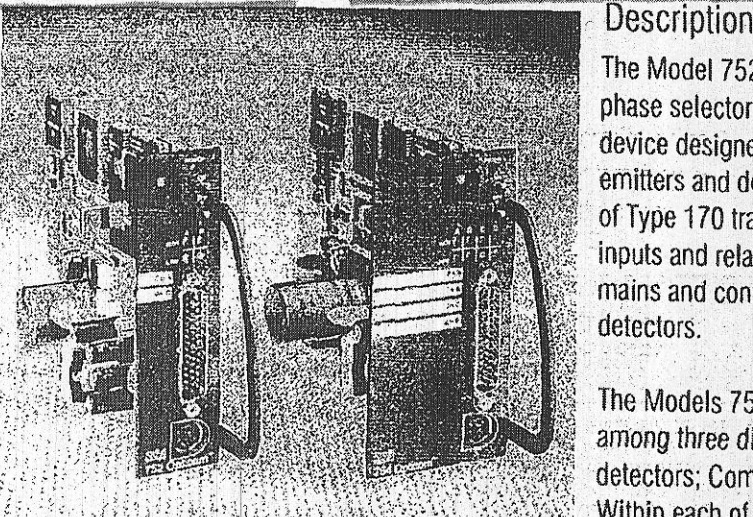
SHOP DRAWING REVIEW

Models 711, 721 and 722 are designed for common applications in three configurations: one direction, the single channel 711; two directions, the single channel 721; and two directions, two output detection on the dual channel 722.

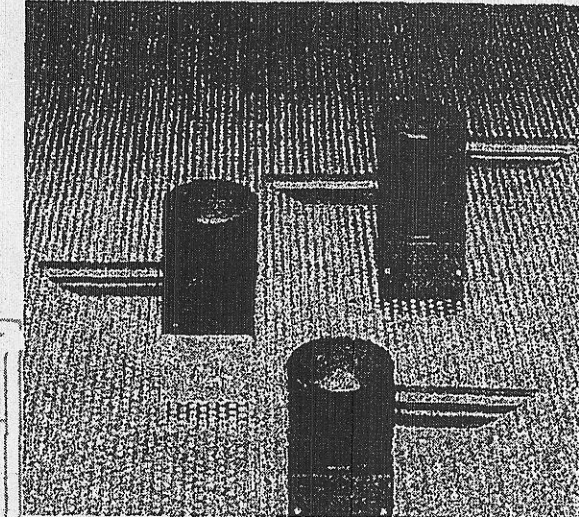
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Model 752 Detector Cable

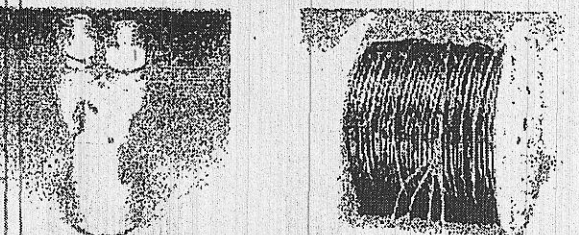
Model 754 Detector Cable



- Models 752 and 754



- Models 722, 721 (back) and 711



Span Wire Clamp
Model 752 Detector Cable

Description

The Model 752 phase selector is a plugin *two channel*, the Model 754 phase selector is a plugin *four channel*, dual priority, encoded signal device designed for use with 3M Opticom Priority Control System emitters and detectors. Both can be installed directly into the input file of Type 170 traffic controllers equipped with priority phase selection inputs and related software. Phase selectors are powered from AC mains and contain their own internal power supply to support Opticom detectors.

The Models 752 and 754 Phase Selectors recognize and discriminate among three distinct Opticom emitter frequency rates via Opticom detectors: Command priority, Advantage priority and probe vehicles. Within each of these three frequency rates, the phase selectors further discriminate among 10 classes of vehicle identification codes, with 1000 individual vehicle codes per class - 10,000 total per frequency rate.

For more information, visit our website at www.oceanstatesignal.com