

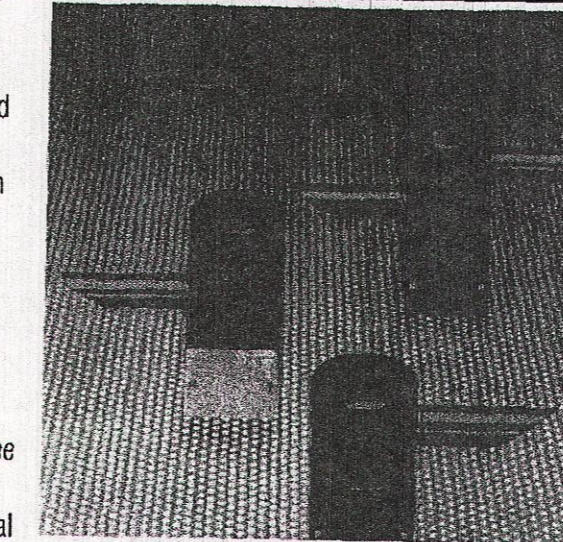
	Ocean State Signal Co. 27 Thurber Blvd • Smithfield, RI 02917 (401) 231-6780 Fax: (401) 231-4390		
	SPECIFICATION SHEET		
TITLE: Detector Models 711, 721, 722 Phase Selector Models 452 and 454		PART NO.: Opticom Priority Control Systems	

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.

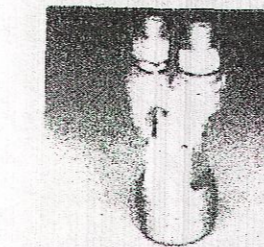
Models 711, 721 and 722 are designed for common applications in three configurations: one direction - the single channel 711; two direction - the single channel 721; and two direction, two output detection - the dual channel 722.



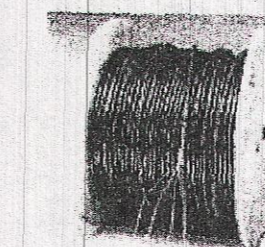
- Models 722, 721 (back) and 711

Accessories

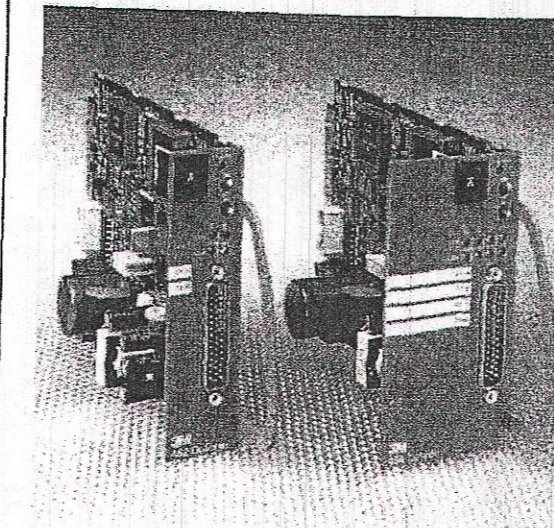
- Span wire clamp
- Model 138 Detector Cable



Span Wire Clamp



M138 Detector



- Models 452 and 454

Description

The Model 452 phase selector is a plugin two channel, the Model 454 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 452 and 454 Phase Selectors recognize and discern between two Opticom emitter frequency rates via Opticom detectors. Within each of these three frequency rates, the discriminators further discern between encoded and non-encoded emitters. Certain intersection parameters may be modified via the use of onboard jumper selects.

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