

	<b>Ocean State Signal Co.</b> 27 Thurber Blvd • Smithfield, RI 02917 (401) 231-6780 Fax: (401) 231-4390	
<b>SPECIFICATION SHEET</b>		<b>PART NO.:</b> Opticom Priority Control Systems
<b>TITLE:</b> Detector Models 711, 721, 722 Phase Selector Models 752 and 754		

#### 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.

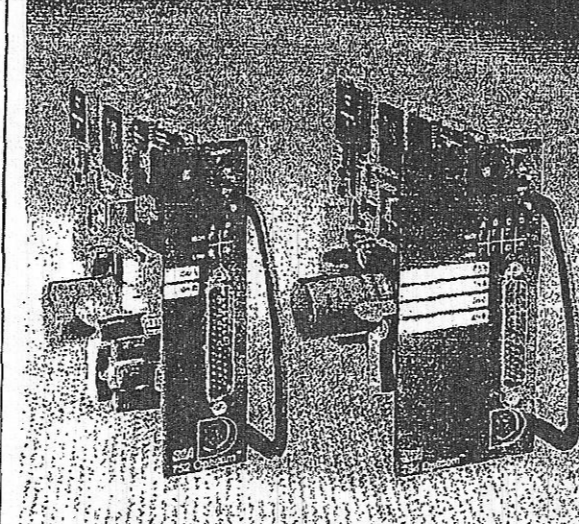
Detectors are mounted at or near the intersection that permits a direct, unobstructed line-of-sight to vehicle approaches. Detectors may be mounted on span wire, mast arm, or other appropriate structures.

#### SHOP DRAWING REVIEW

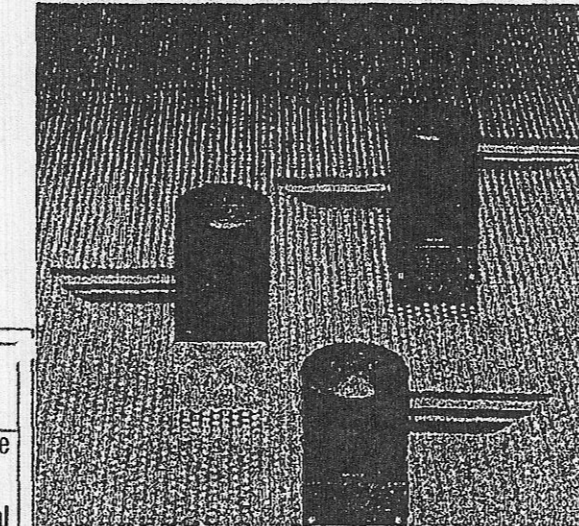
Models 711, 721 and 722 are designed for common applications in three channels. Models 711 and 721 are designed for two channel applications, but only for compliance to the design and construction documents. The single channel 721 and two channel 722 are designed for the dual channel 722.

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL CONFORMANCE WITH INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; VERIFYING THE CONSTRUCTION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

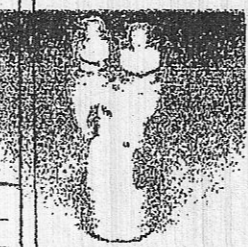
	<b>VHB</b> Vanasse Hangen Brustlin, Inc. Transportation Land Development Environmental Services 101 Walnut Street, P.O. Box 9151 Watertown, MA 02471 617.924.1770	<b>Job Number:</b> 1011.32 <b>Reviewed By:</b> AEB <b>Date:</b> 9-30-10
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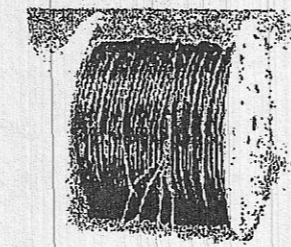
- Models 752 and 754



- Models 722, 721 (back) and 711



Span Wire Clamp



M138 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](http://www.oceanstatesignal.com)