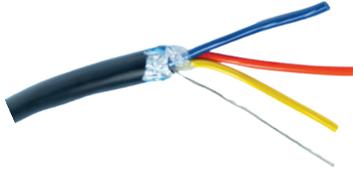




M913 CABLE

Detector Cable



The **M913 detector cable** is designed to connect **STROBECOM II® optical detectors** mounted on **mast arms or span wires** to the **STROBECOM II® Optical Signal Processor (OSP)** card located inside the traffic signal cabinet. It supports all detector models, including those **with or without TOMAR's patented Integrated Confirmation™ light**.

For **Integrated Confirmation™ (IC) equipped detectors**, no additional wiring is required to operate the confirmation light - **simplifying installation and reducing overall system cost**.

Constructed with **20 AWG shielded conductors**, the M913 ensures signal integrity and noise immunity over long distances. It is available in **500 ft, 1000 ft, and 2500 ft** reels, and must be installed as a **continuous, unspliced run** between the cabinet and each detector to ensure reliable communication and optimal system performance.

Specifications

Item	Description
Cable	<ul style="list-style-type: none"> Type - Shielded Nominal O.D. over jacket - .35" maximum
Conductors	<ul style="list-style-type: none"> Quantity - 3 Guage - AWG #20 (7 x 28) stranding Conductor Material - Individually tinned copper strands Insulation - PVC, 80C, 600V, 25mil minimum average thickness Color - 1 Blue, 1 Orange, and 1 Yellow
Shield	<ul style="list-style-type: none"> Aluminized polyester film or approved equal, applied with a nominal 20% overlap to provide 100% shield coverage
Drain Wire	<ul style="list-style-type: none"> Guage - AWG #20 (7x28) stranding Material - Individually tinned copper strands Uninsulated and in contact with the shield conductive surface
Electrical Properties	<ul style="list-style-type: none"> Drain and conductor DC resistance is 9.77 ohm/thousand feet Capacitance from 1 conductor to the other 2 conductors and shield is 20pf/ft @ 100Hz
Jacket	<ul style="list-style-type: none"> Minimum average wall thickness - .045" Temperature rating - 105C Voltage rating - 600V Material - PVC, Black