

# CMA Ethernet Reflector SPECIFICATIONS

## Ethernet Reflector



The ability to rapidly deploy Ethernet based services is critical in today's marketplace. The CMA Ethernet Reflector, used with an IP or Ethernet test set, offers the ability to easily measure throughput, round trip latency, even RFC suites at almost half the cost of using two test sets. A simple connection to the network endpoint where you want to test to is all that is needed to gain unattended MAC or IP address swapping.

### Features

- Simple, unattended operation
- Battery or AC power
- Small size, rugged construction
- Full line rate Gigabit Ethernet capability
- Interchangeable SFP optics
- Single optical/electrical ports or dual optical/electrical ports
- LED link status and speed indicators
- Full auto-negotiation
- ARP and Ping response

Specifications	
<b>Power</b>	AC charger adapter 12V 3A, battery (non-user replaceable)
<b>Temperature Range</b>	Storage environment: -20° to +70°C In operation: 5° to 40°C
<b>Battery Range</b>	2 hours, rechargeable while running tests
<b>Dimensions (L x W x D)</b>	7.9" x 4.4" x 1.9" 20 mm x 110 mm x 48 mm
<b>Interfaces</b>	1 electrical SFP / 1 optical SFP (single port version) 2 electrical SFP / 2 optical SFP (dual port version)
<b>Ethernet Speeds</b>	10 Mbps / 100 Mbps / 1 Gbps
<b>SFP Interfaces</b>	1000BASE-SX (850 nM) 1000BASE-LX (1310 nM) 1000BASE-EX 1550 nM) 1000BASE-T (electrical-included)
<b>Weight</b>	2 pounds / 900 grams

## Ordering Information

The 10/100/1000 Mbps Ethernet traffic reflector box is a small, standalone unit available in two versions. One version offers one 10/100/1000 Mbps RJ45 port and one 1000 Mbs optical port accessed through an SFP, the two port version offers two 10/100/1000 Mbps RJ45 ports and two 1000 Mbs optical ports for simultaneous testing of multiple ports. The electrical interface(s) are standard on all units. The optical SFPs of choice must be ordered separately.

Order Number	Description
<b>5700-001-REFL-??</b>	Single optical and electrical port Reflector
<b>5700-002-REFL-??</b>	Dual optical and electrical ports Reflector
<b>REFL-SOFT-CASE</b>	Soft carry case for the Reflector unit
<b>REFL-HARD-CASE</b>	Hard transit case for Reflector unit
<b>5700-085-REFL</b>	850 nM SFP for use with the optical port(s) on the Reflector unit
<b>5700-013-REFL</b>	1310 nM SFP for use with the optical port(s) on the Reflector unit
<b>5700-015-REFL</b>	1550 nM SFP for use with the optical port(s) on the Reflector unit

Line Cord Options (??) = US(US), AU(Australia), EU(Europe), UK(United Kingdom)

### Example of Order Number and Specification

<b>5700-001-REFL-US</b>	Single optical and electrical port Reflector
<b>REFL-SOFT-CASE</b>	Soft carry case for the Reflector unit
<b>5700-085-REFL</b>	850 nM SFP for use with the optical port (s) on the Reflector unit

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