

CMA Ethernet Reflector



Reflect network traffic
in a low cost, simple to operate,
yet flexible handheld solution.

Key Features

The NetTest patent pending approach to reflecting Gigabit network traffic includes:

- 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

The ability to rapidly deploy Ethernet based services is critical in today's marketplace. The NetTest 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.

Key Benefits

- **What used to take two test sets and their associated time to setup is now replaced by the patent pending NetTest CMA Ethernet Reflector and a single test set - saving you almost half the cost of two test sets.**

- **Simple setup and LED status indicators in a rugged, portable form factor that has up to four full line rate Gigabit ports give you the ability to "set and forget" the Reflector - while you concentrate on testing your network from one location.**
- **Swap MAC addresses with a few button presses or input a user defined MAC address via the USB port using any Windows XP based computer - full flexibility for customized testing.**

Specifications	
Power	AC charger adapter 12V 3A, Battery (non-user replaceable)
Temperature Range	Storage environment: -20° to +70°C In operation: 5°C to 40°C
Battery Life	2 hours, rechargeable while running tests
Dimensions	7.9" L x 4.4" W x 1.9" D 200mm L x 110mm W x 48mm D
Interfaces	1 electrical SFP / 1 optical SFP (single port version) 2 electrical SFP / 2 optical SFP (dual port version)
Ethernet Speeds	10Mbps / 100Mbps / 1Gbps
SFP Interfaces	1000BASE-SX (850nM) 1000BASE-LX (1310nM) 1000BASE-EX (1550nM) 1000BASE-T (electrical - included)
Weight	2 pounds / 900 grams
Durability Tests	Sine vibration, random vibration, shock per IEC 68-2-6

Ordering Information	
5700-001-REFL	Single optical and electrical port Reflector
5700-002-REFL	Dual optical and electrical ports Reflector
REFL-SOFT-CASE	Soft carry case for the Reflector unit
5700-085-REFL	850nM SFP for use with the optical port(s) on the Reflector unit
5700-013-REFL	1310nM SFP for use with the optical port(s) on the Reflector unit
5700-015-REFL	1550nM SFP for use with the optical port(s) on the Reflector unit



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NetTest develops and markets operational support solutions that provide unique insights into the function and performance of telecommunication networks so that owners, operators, and vendors can make informed business decisions that drive their profitability.