

Crossover Media Converters, 100-Mbps

Configurable UTP ports make Fast Ethernet media conversion even easier!

- Convert 100BASE-TX/fibre.
- A built-in uplink switch means you change the switch, not the cable, and make the right connection instantly.
- Mount multiple units in optional Rackmount Trays.
- **WARRANTY** — 3 Years

Crossover Media Converters, 100-Mbps enable you to translate between twisted pair and fibre. A crossover feature is built in, so you don't need to worry about using external crossover cables.

For rackmounting, order the Rackmount Tray (LE1505-RACK) or the Powered Rackmount Tray (LH1505P-RACK). Each tray holds up to 16 media converters. The powered tray supplies power for up to eight media converters. You can also wallmount the converters with the included VELCRO® or metal brackets. DIN Rail Mounting Brackets are available, too.

TECH SPECS

Distance (Maximum) — LH1503AE—
LH1504AE: 2 km ; LH1507AE: 20 km

Network Standards —
100BASE-TX: IEEE 802.3u

Operation — Autonegotiating
half- or full-duplex

Power — 95–125 VAC, 60 Hz, external

Indicators — (10) LEDs: (1) Power,

(1) Link (copper port), (1) Link
(fibre port), (2) RX/ACT (copper
and fibre ports) plus redundant
set on side of unit

Dimensions —
8.9(H) x 7.6(W) x 2.5(D) cm

Weight — 0.1 kg



LH1504A

Item	Code
Crossover Media Converters, 100-Mbps	
100BASE-TX/Duplex Fibre	
Multimode SC	LH1503AE
Multimode ST	LH1504AE
Single-Mode SC	LH1507AE
* Include (1) media converter, VELCRO® mounts, and (2) metal wallmounting brackets.	
To rackmount your media converters, order...	
Rackmount Tray	LE1505-RACK
Powered Rackmount Tray	LH1505P-RACK
For DIN rail mounting order...	
DIN Rail Mounting Bracket	DIN-RAIL MC2

WDM (Single-Strand Fibre) for Multimode Media Converter

Use WDM up to two kilometres over multimode fibre.

- Transparent media converters.
- 100BASE-TX to simplex multimode fibre.
- Distance up to two kilometres.
- Internal 95-240VAC power supply.
- Compact desktop chassis.
- Optional wallmount and rackmount kits available.

Are you running out of fibre cables? Do you need more bandwidth? It used to be that WDM technology was only available for single-mode fibre cables. But now you have the chance to use WDM technology with standard 50/125 or 62.5/125 µm multimode cables as well, which means you can use your existing cables! You now only need one cable for a 100-Mbps link. But that is not the whole story. Since the LMC7030A/LMC7031A works at distances up to 2 kilometres, there is more you can do.

Think about the nice new Gigabit world out there. It's useful — and sometimes necessary — to have more bandwidth than just 100-Mbps. Would you like to upgrade to Gigabit, but your multimode cables are too long for Gigabit multimode? Get two small Gigabit switches with trunking features, like LB5401AE, and connect your Gigabit network on both ends. Then connect up to four LMC7030A on one side and four LMC7031A on the other side by trunking those four ports used for the WDM Multimode converters. You only use four fibre cables but get an uplink speed of 400-Mbps at the distance where you once ran just two standard 100-Mbps fibre links.



To have a working system you always need matching pairs. One LMC7030A connects to one LMC7031A only.

TECH SPECS

Connectors — (1) copper port RJ-45;
100 Mbps, (1) fibre port, simplex
SC connector

Power — Internal power supply
IEC320 connector 95-240VAC

Features — Push button for MDI/
MDI-X Crossover

Operating Temperature — 0 to +40°C
Operating Humidity — 5 to 90%
noncondensing

Dimensions —
4.2(H) x 12.2(W) x 11.6(D) cm

Item	Code	Price
WDM Multimode Converters		
1310TX/1550RX		LMC7030A
1550TX/1310RX		LMC7031A
5-Port 10/100/1000 Gigabit Switch with Trunking Feature		LB5401E