



LX100

10/100 Base-TX LAN Extender

CTC's LAN Extender pair (LX100) can extend data beyond the 100 meters limitation of standard Ethernet. The paired units work in a point-to-point topology over 1 or 2 pair unshielded twisted pair (UTP) cabling up to 800 meters. These products can extend your 10/100Mbps Ethernet network by up to 800m over UTP cable.

Features

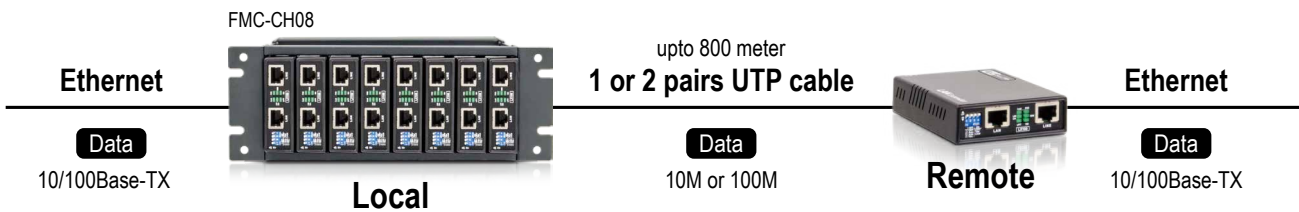
- Long distance data transmission up to 800 meter on 1/2 pair UTP cable
- Quick deployment and easy maintenance

Specifications

Standard	IEEE 802.3, 802.3u
Connector	1x10/100Base-TX RJ45 LAN port 1x RJ-45 WAN port
Dip Switch	SW 1 : Link Fault Pass Through (LFPT) Off: Disable/On: Enable SW 2 : Line Speed Off: Auto/On: 10M SW 3 : Negotiation Mode Off: Auto/On: Local
LED	Power (Green) LFPT (Green) LAN Link active (Green) Line Speed/Link active 10M(Green), 100M(Green) Local(Green)

Data Rate	The line speed between LX100 will be 10M or 100M that depend on extension length. The LAN speed of LX100 is same with line speed
Cable	1 or 2 pair UTP cable Cat.5e, Cat. 6
Operating Temperature	0 ~ 50°C
Storage Temperature	-10 ~ 70°C
Humidity	5% ~ 90% (non-condensing)
Power Input	12VDC
Power Consumption	<3W
Dimensions	23 × 96.5 × 73.4mm (WxDxH)
Weight	73.5g
MTBF	>65000 hours
Certification	FCC, CE

Application



Ordering Information

Model Name	Description
LX100	10/100Base-TX Ethernet LAN Extender

▪ Chassis (Option)

Model Name	Description
FMC-CH17-AC	2U, 19", 17-Slot Chassis with AC Power
FMC-CH17-DC	2U, 19", 17-Slot Chassis with DC Power
FMC-CH17-AD	2U, 19", 17-Slot Chassis with AC+DC Power
FMC-CH08-AC	2U, 10", 8-Slot Rack with 10" Rack Mount Ear and AC Power
FMC-CH08-DC	2U, 10", 8-Slot Rack with 10" Rack Mount Ear and DC Power