

FiberLink 360C

10/100/1000Base-T to 1000Base-X Media Converter (Mult-mode SC, Single-Mode SC 10/20/30/50/80 km)

Overview

FLG-360C Gigabit Ethernet 10/100/1000Base-T to 1000Base-X media converter from Linkpro is designed to fit the emerging deployment needs of optical fiber network. This stand-alone converter allows you to connect Ethernet twisted-pair network to optical-fiber network easily and cost effectively to a maximum distance 80KM. FLG-360C is fully compliant with IEEE 802.3, 802.3u, 802.3ab & 802.3z standards. The Installation & operation procedures of the FLG-360C are simple & straightforward.



Features

- Comply with IEEE 802.3 10Base-T
- Comply with IEEE 802.3u 100Base-TX
- Comply with IEEE 802.3ab 1000Base-T
- Comply with IEEE 802.3z 1000Base-X
- Store and Forward Switching Mechanism
- Auto- Negotiation in TP port
- Auto-Cross over for MDI/MDIX in TP port
- Support Flow Control
- Providing 19" Converter Chassis for up to 16 slots with redundant power supply for optional expansion use

Specifications

Standards	<ul style="list-style-type: none"> ● IEEE 802.3 10Base-T ● IEEE 802.3u 100Base-TX ● IEEE 802.3ab 1000Base-T ● IEEE 802.3z 1000Base-X ● IEEE 802.3x flow Control
Interface	<ul style="list-style-type: none"> ● 10/100/1000Base-T RJ-45 Port x 1 ● 1000Base-SX/LX Fiber Port x 1 (Multi/Single Mode SC connector)
LED	<ul style="list-style-type: none"> ● Per Port: (TX): 100M/Act, 1000M/Act (FX): Link/Act ● Per Unit: Power
Power	<ul style="list-style-type: none"> ● External. Power Supply, DC 5V, 2A
Operation & Temperature	<ul style="list-style-type: none"> ● Operation: 0° ~ 60°C ● Storage Temperature: -20° ~ 90°C ● Humidity: 5% ~ 90% non-condensing
Dimension & Weight	<ul style="list-style-type: none"> ● Size: 102 x 74 x 22 mm (L x W x H) ● Shipping Weight: 240g
Regulatory Compliance	<ul style="list-style-type: none"> ● FCC Class A ● CE

Technical Specification

Model Name	Wavelength	Media	Distance	TX Power (dBm)	RX Sensitivity (dBm)	Power Budget (dBm)
FLG-360C	850	MMF	220/550m	-9.5 ~ -4	Max. -18	8.5
FLG-360C10	1310	SMF	10 km	-9.5 ~ -3	Max. -20	10.5
FLG-360C20	1310	SMF	20 km	-9.5 ~ -3	Max. -20	10.5
FLG-360C30	1550	SMF	30 km	-9.5 ~ -3	Max. -20	10.5
FLG-360C40	1550	SMF	40 km	-4 ~ +1	Max. -23	19
FLG-360C60	1550	SMF	60 km	0 ~ +5	Max. -23	23
FLG-360C80	1550	SMF	80 km	0 ~ +5	Max. -23	23

Ordering Information

FLG-360C: 10/100/1000Base-T to 1000Base-X Management Media Converter (Multi-mode, SC)

FLG-360C10/20/30/40/60/80: 10/100/1000Base-T to 1000Base-X Management Media Converter (Single-Mode, SC 10/20/30/40/60/80 km)

** Product specification subject to change without notice.*