



KGC-302



Preliminary



Dual Fiber Redundant Media Converters

Product Highlights:

- Copper 10/100M/1G support
- Fiber 100M/1G support
- SFP flexibility
- Fiber port redundancy support
- Jumbo frame support
- 802.3x flow control support
- LFPT support

Key Features:

- Provide 1 10/100/1000Mbps copper port and 2 dual-speed redundant SFP slots
- Support 802.3x flow control for full-duplex and backpressure for half-duplex
- Support auto-negotiation and auto-MDI/MDI-X detection
- Dual-speed SFP slots support 100BASE-FX and 1000BASE-X SFP
- Provide important LFPT (Link Fault Pass Through) media converter function
- Support full wire speed conversion for Gigabit copper to Gigabit fiber
- Support jumbo frame length of 9.2K bytes
- Support buzzer alarm for fiber redundant event

Specifications:

Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3az
Network Ports	1 10/100/1000Mbps copper port 2 1G/100Mbps SFP slots
Copper Port	Shielded RJ-45, 10/100/1000Mbps, auto-negotiation, auto-MDI/MDI-X
Mini-GBIC SFP	SFP connector, Interface: 1000BASE-X and 100BASE-FX support support, Fiber port redundancy
Network Cables	Copper port: Cat.5e recommended or higher up to 100m Fiber port: MMF 50/125µm, 62.5/125µm, SMF 9/125µm
DIP SW	Buzzer alarm setting
LED Indication	Per unit: Power status Per port: Link/Activity Per SFP: Link/Activity
Jumbo Frame size	Up to 9.2K bytes
Power	5V/1.5A External power adapter
Power Consumption	3W max.
Housing	Enclosed metal
Dimension	75 x 101 x 22.6 mm (WxDxH)
Environment	Operating Temperature: 0°C ~ 40°C Storage Temperature: -20°C ~ 70°C Relative Humidity: 5% ~ 90% non-condensing
Approval	FCC Class B, CE mark Class B



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