



KGC-400



Preliminary



Dual Copper to Dual Fiber Media Converters

Product Highlights:

- 4P switch mode and dual MC mode optional
- Copper 10/100M/1G support
- Fiber 100M/1G support
- SFP flexibility
- Jumbo frame support
- 802.3x flow control support
- LFPT support
- Loop prevention support

Key Features:

- Provide 2 10/100/1000Mbps copper ports and 2 dual-speed SFP slots
- Support 802.3x flow control for full-duplex and backpressure for half-duplex
- All copper ports support auto-negotiation and auto-MDI/MDI-X detection
- Dual-speed SFP slots support 100BASE-FX and 1000BASE-X SFP
- Support adjustable 4-port switch mode or dual media converter mode
- Support loop prevention in 4-port switch mode
- Link fault pass through (LFPT) featured for dual media converter mode
- Support full wire speed conversion for Gigabit copper to Gigabit fiber
- Support jumbo frame length of 9.2K bytes

Specifications:

Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3az
Network Ports	2 10/100/1000Mbps copper ports 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
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	Selectable operating mode: 4-port switch mode or dual media converter mode
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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