



Benefits

■ UTP to Fiber switching Media Converter	■ Auto Negotiation Speed, Half/Full Duplex
■ Standalone and Chassis design	■ TX port support Auto MDI/MDI-X
■ Built-in Link Lost Forwarding (LLF) Technology	

Hardware Specification

Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000BaseSX/LX standards IEEE 802.3x Flow Control and Back pressure
Connector	Fiber: Duplex LC RJ-45 Socket: CAT-5e (10/100/1000Mbps) Twisted Pair cable Auto MDI/MDI-X and Auto-Negotiation Function Support
Switch architecture	Store and Forward
Fiber parameters	Fiber Core: Multi-Mode (62.5/125um, 50/125um) Single-Mode (9/125um) Wavelength: 850nm(Multi-mode), 1310nm(Single-mode) Fiber Distance: 550M (Multi-Mode Fiber) 10 KM (Single-Mode Fiber)
Link Loss Forward	Copper→Fiber: If copper port link down, then media converter will force fiber to link down. Fiber →Copper: If fiber port link down, the media converter will force copper port to link down.
DIP Switch	DIP Switch 1: LLF(Link Lost Forwarding) Disable/Enable DIP Switch 2: Switch Converter/Pure Converter mode DIP Switch 3: Reserved
Jumbo Frame	16Kbyte(Pure converter mode)/ 2Kbyte(Switch converter mode)
LED	Power (Green) UTP SPD: GREEN: 1000Mbps / AMBER: 100Mbps / OFF: 10Mbps Link/Act: UTP: GREEN: Link up / BLINK: Transmitting / OFF: Link down FIBER: GREEN: Link up / BLINK: Transmitting / OFF: Link down FDX: UTP: AMBER: Full-Duplex mode / OFF: Half-Duplex or Link down FIBER: AMBER: Full-Duplex mode / OFF: Link down
Power	Stand-alone (external adapter):DC 5-12V / 0.7A
Power consumption	2.7 Watts 4.1 Watts at adapter 230V Input
Operation Temp.	0°C to 45°C (32°F to 113°F)
Operation Humidity	10% to 90% (Non-condensing)
Storage Temp.	-40°C to 70°C
Dimension	119mm x 85mm x 26mm
EMI & safety	FCC Class A, CE

Order Information

Part Number	Description
CWGE2SFPM2	10/100/1000 Base-T to 1000Base-SX Switch Converter
CWGE2SFPS2	10/100/1000 Base-T to 1000Base-LX Switch Converter, 10km
CWGE2SFP	10/100/1000 Base-T to 1000Base-X SFP Media Converter