

## MEDIA CONVERTERS



### Unmanaged 10/100/1000



#### SFP module slot media converter

#### SPOTLIGHT

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## DESCRIPTION

**AN-UM-SMC** series media converters are effective solution, when fiber uplink interface is needed to change frequently, or network re-design is necessary. **AN-UM-SMC** media converters offer 1 10/100/1000 twisted pair slot and 1 SFP module universal socket.

Using an SFP-based media converter, a switch or router with copper interfaces can be attached to single-mode fiber optic cabling to reach extremely long distances (for example up to 80km for Gigabit Ethernet, as opposed to 100 m for copper or 500 m for multimode fiber).

## FEATURES

- Compliant with IEEE 802.3 10BASE-T, 802.3u 100BASE-TX, 100BASE-FX Ethernet Standards.
- Provide one 10/100BASE-T port or 1 10/100/1000 port (depending on model) with RJ-45 connector;
- Provides 1 slot for universal SFP modules, all major SFP brands are supported;
- Supporting hot-swap of SFP modules;**
- Front panel Diagnostic LED Indications;
- Can be installed in [AN-CH05 chassis](#) - universal type casing
- Supports Auto MDI / MDI-X function
- Supports Jumbo Frames, MPLS packed size, brand new chipset is used

### Supported LED indications:

LED indicator lamp	Status	Explanation
1 FX Link/Act	On	Connection status display for fiber link. "ON" indicates that Fiber link is in correct connection.
	Blink	Active status display of fiber link "Blink" indicates packet goes through Fx end.
2 TX Link/Act	On	Connection status display for electric link. "ON" indicates that electric link is in correct connection.
	Blink	Active status display of fiber link "Blink" indicates packet goes through Tx end.
3 FDX/COL	On	Transceiver works in the full duplex mode.
	Off	Transceiver works in the half duplex mode.
4 PWR	On	Power is on and normal.
5 SD	On	Fiber signal is detected.
6 100M	On	Transfer rate of electric interface is 100Mbps.

## SPECIFICATIONS

Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX, 100BASE-FX, 1000Base-Tx, 1000BaseTx
Network Media	10BASE-T: 2-pair UTP Cat. 3, 4, 5, up to 100 m (328 ft) 100BASE-TX: 2-pair UTP Cat. 5, up to 100 m (328 ft) 1000BASE-TX: 2-pair UTP Cat. 5, up to 100 m (328 ft) 9/125µm or 10/125µm single-mode fiber optic cable, up to 120km
Protocol	CSMA/CD
Topology	Star, point to point
Number of Ports	1 x 10/100BASE-TX auto-negotiation, auto-MDIX 1 x SFP slot
Network Data Transfer Rate	10/100/1000Mbps (Full-duplex)
Diagnostic LEDs	Per Unit : Power Per port: Link/Activity, Full-duplex/Collision, Speed (only for TX port)
Connectors	UTP RJ-45, SC/ST Fiber connector
<b>Fiber port</b>	<b>SFP standard slot</b>
Power	External 5V DC 1A
Dimensions (WxDxH)	70.6 x 94.2 x 26mm
Temperature	Operating: 0 ~ 40 C Storage: -10 ~ 70 C
Humidity	Operating: 10% ~ 90% RH Storage: 5% ~ 90% RH
Emission	FCC Class B CE mark Class B VCCI-B