

# 1 Fiber Port and 2 x 10/100Base – TX Converter (1FX + 2 TX)



## ORDERING INFORMATION

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## SPOTLIGHT

**AN-UM-100-2TX** series media converters are sophisticated and same time easy fiber optical media converter, with 1x 100 FX port, and 2 x UTP 10/100 BaseT TX ports, which can support both tagged and port based VLAN's and converter can be managed by RS-232 integrated console port.

## DESCRIPTION

**AN-UM-100-2TX** series media converters are sophisticated and same time easy fiber optical media converter, with 1x 100Fx port, and 2 x UTP 10/100BaseT TX ports, which can support both tagged and port based VLAN's and converter can be managed by RS-232 integrator console port.

**AN-UM-100-2TX** series media converters are media converters what makes east conversion between 10/100BaseTx and 100BasesFx segments, converter supports Link Fault Pass Through (LFP) function, for easy tracing of network link failures, and the LFP function enhances integrity and conformity of twisted pair (TP)-Fiber linking to make the network easier to maintain. **AN-UM-100-2TX** is also a simple VLAN supporting 1 port fiver switch - small and compact - that makes it into the media converters family and has excellent VLAN switch features!

## FEATURE

- 2 Ports 10/100Mbps and full/half duplex automatically configure in TP port.
- Compliant with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX, 100Base-FX Standards
- MDI/MDI-X Auto Negotiation
- RS-232 Port for HyperTerminal or any other terminal software management;
- Tagged dot 1Q or port based VLAN's Supported at TX ports;
- LED Indicators: POWER, FX LINK/ACT, 100, TP LINK/ACT, FDX/COL.
- Supports LLR (Link Lose Return) for FX Port and LFP functions
- Wall-mountable and Standalone
- FCC Class A and CE approved inch.

## SPECIFICATION

### Wavelength

Multi-mode: 1310nm; Single-mode: 1310nm, WDM (bidi) versions available, single fiber.

### Fiber Cable(m)

8.3/125, 8.7/125, 9/125 or 10/125 Single-mode  
Maximum distance: Multimode; 2km (default), Single-mode;  
20Km/(Default)40Km/60Km/80Km/100Km/120Km

**Power Supply:** 100 to 240VAC 50 to 60 Hz

**Input power:** 2A + 5V

**Dimensions:** 70.5mm (L) x 94 mm(W) x 26.5mm (H)

### Environment

Relative Humidity: 5% to 90%

Operating temperature: 0 – 60

Storage temperature: -20 to 70

## PART NUMBER

**AN-UM-2TX100-1:** 10/100 Base-TX/FX Bridge Converter 2Km SC Connector (Multimode)  
**AN-UM-2TX100-2:** 10/100 Base-TX/FX Bridge Converter 2Km ST Connector (Multimode)  
**AN-UM-2TX100SM-20:** 10/100 Base-TX/FX Bridge Converter 20 Km SC Connector (Single mode)  
**AN-UM-2TX100SM-40:** 10/100 Base-TX/FX Bridge Converter 40 Km SC Connector (Single mode)  
**AN-UM-2TX100SM-60:** 10/100 Base-TX/FX Bridge Converter 60 Km SC Connector (Single mode)  
**AN-UM-2TX100SM-80:** 10/100 Base-TX/FX Bridge Converter 80 Km SC Connector (Single mode)  
**AN-UM-2TX100SM-100:** 10/100 Base-TX/FX Bridge Converter 100 Km SC Connector (Single mode)  
**AN-UM-2TX100SM-120:** 10/100 Base-TX/FX Bridge Converter 120 Km SC Connector (Single mode)  
**AN-UM-2TX130-20:** 10/100 Base-TX/FX Bridge Converter 20Km SC Connector (TX=1330 nm)  
**AN-UM-2TX150-20:** 10/100 Base-TX/FX Bridge Converter 20Km SC Connector (TX=1550 nm)  
**AN-UM-2TX130-40:** 10/100 Base-TX/FX Bridge Converter 40Km SC Connector (TX=1330 nm)  
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