

XS 10-100 Converter

XS 10/100 Mbps Media Converters.



FEATURES

- UTP port supports auto-MDIX and autonegotiation
- Use UTP port with up to 100 meters UTP/STP cable
- HDX/FDX operation of fibre switch-controlled
- Flow control capability
- Optionally, DIN-Rail or Wall mountable
- Expandable into 19" XS Media Conversion System

OVERVIEW

These media converters are designed to bridge a 10/100BASE-T signal to a 100BASE-FX signal. Use them to extend the connection distance between two Fast Ethernet twisted-pair devices via fibre cable transparently with no performance degradation.

This converter series is based on a switching hub design. It supports auto negotiation and flow control functions on the twisted-pair port. Different types of fibre connectors are available: SC and ST for multimode or SC for single-mode cables.

The XS Media Converters feature an aesthetically pleasing design and informative LEDs that show you the status of your link. You can use the XS Media Converters "right out of the box" as a standalone device, or you can order a wall or DIN rail mounting kit (sold separately) or even a 16-slot rack chassis. For additional reliability and stability, add a redundant power supply for the 16-slot rack chassis.

TECH SPECS

Data Transfer Rate

10 or 100 Mbps

Distances Supported

Twisted pair STP: 100m;
Multimode fibre: half-duplex: 415m; Full duplex: 2km;
Single-mode fibre: half-duplex: 415m; Full duplex: 20km

Media Support

10BASE-T: EIA/TIA 568 CAT3, 4, 5, 5e, or 6 UTP/STP;
100BASE-TX: EIA/TIA 568 CAT5, 5e, or 6 UTP/STP;
100BASE-FX: Multimode 50/125 µm & 62.5/125 µm;
100BASE-FX: Single-mode 9/125 µm

Wavelength

1310 nm on single-/multimode

Indicators

LEDs: System power, Twisted-pair port, Link/Activity, Speed and FDX/Col; Fibre port: Link/Activity & FDX LEDs

Standards

IEEE 802.3u 10BASE-T/100BASE-TX and 100BASE-FX
Certifications — FCC Class A, CE Mark

Power Requirement

External international power supply, 5V DC 1A;
consumption 3,4 watts max.

Operating Temperature

0 to 45° C

Humidity

10% to 90% (non-condensing)

Size

10.2L x 7.4W x 2.2H cm

Weight

0.2 kg (without power adaptor)

XS 10-100 Converter

Article	Description
LMCS202AE-SC	Converter,100FX,MM,SC,2km
LMCS202AE-ST	Converter,100FX,MM,ST,2km
LMCS203AE-SC20	Converter,100FX,SM,SC,20km
LMCS203AE-SC40	Converter,100FX,SM,SC,40km

Article	Description
LMCS203AE-SA20	Converter,100FX,SM,SC,20km,T13/R15
LMCS203AE-SB20	Converter,100FX,SM,SC,20km,T15/R13
LMCS203AE-SA40	Converter,100FX,SM,SC,40km,T13/R15
LMCS203AE-SB40	Converter,100FX,SM,SC,40km, T15/R13