

# A11 FO-T/R/U

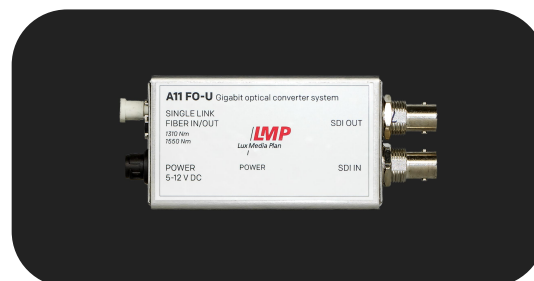
Gigabit optical converter system

**LMP**  
Lux Media Plan  
/

The A11 FO is a single channel fiber optic transmission system, designed to convert SMPTE 259M, 344M, 292M and 424M HDSDI signals to SMPTE 297 compliant optical signals and vice versa. It supports data rates from 50 Mbit/s up to 3 Gbit/s. Bi-directional transmission can be provided with the A11 FO-U, being both a transmitter and receiver in the same box.

## Features

- automatic cable equalization up to 100m
- active loop-through on transmitter module
- up to 3 Gbit/s HDSDI signals supported



## Technical Specifications

### Receiver

Input	SMPTE 259M, 292M, 296M 148Mbit/s - 3Gbit/s
Loop through	SMPTE 259M, 292M, 296M 143 / 270 Mbit/s
Output	1310nm, -2dBm
Return loss	> 15dB up to 760MHz > 12dB up to 1,4GHz

### Transmitter

Input	1260nm - 1620nm, -23dBm
Output	2x HDSDI SMPTE 259M, 292M, 296M 148Mbit/s - 3Gbit/s
Return loss	> 15dB up to 760MHz > 12dB up to 1,4GHz

## Physical Specifications

Dimensions	110x45x20 mm
Weight	100 g
Power	5-12V DC/5W
Operating temp.	0°C - 70°C