

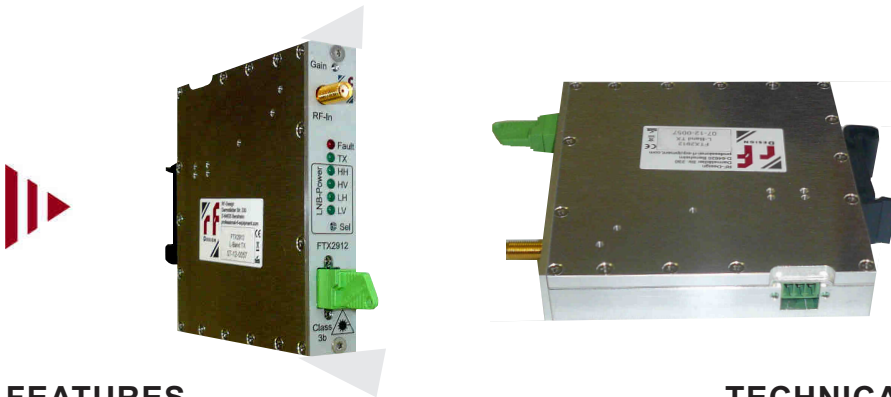
NEW

# FTX2912 Optical Transmitter

## FTX2912 Stand-Alone Optical Transmitter module

Made  
in  
Germany

The FTX2912 represents a stand-alone optical transmitter module designed for easy din-rail mount installation, e.g directly at the antenna location (indoor). It is housed into solid-state aluminum and assures stable RF distribution over long distances via optical fiber. The unit features adjustable gain and LNB-supply. The FTX2912 is an efficient stand-alone optical-transmitter solution for straight forward RF-over-Fiber transmission while the unit also is equipped with front-side status LED's indicating Laser and LNB-supply status. The FTX2912 is perfectly suited for applications in Teleports, Satellite Earth-Stations, as well as Broadcasting and CATV/IPTV infrastructures.



### FEATURES

- Stand-Alone optical transmitter module
- Space saving and robust din-rail mount design
- Perfect for usage directly at the reception side
- Front-side Laser monitoring status LED
- Adjustable gain (-10...+20dB), front-side
- Selectable LNB supply (13/15/18VDC, 22kHz, 400mA)
- Front-side LNB-supply status LED's
- External DC connector

### TECHNICAL SPECIFICATION

- **Dimensions:** 100 x 100 x 20mm
- **Housing:** Solid-state aluminum
- **Power supply:** 15V DC
- **Power consumption:** < 7W
- **Frequency range:** 950...2150MHz
- **RF-Input level:** 0dBm max.
- **Frequency response:** ±0,5dB typ. / ±1,0dB max.
- **Return loss:** > -16dB
- **IMA3 @ -10dBm:** < -60dBc
- **Input noise floor:** > -133dBm/Hz
- **Spurious free dyn. range:** 109dB/Hz
- **Operation wavelength:** 1310nm
- **RF-connectors:** 50Ohm SMA(f) or 75Ohm F(f)
- **Optical connector:** E2000 or SC/APC
- **Optical power:** 2dBm
- **Gain control:** -10...+20dB
- **LNB-supply:** 13/15/18VDC, 22kHz, 400mA
- **Status LED's:** For Laser and LNB-supply
- **Operating temperature:** 0...45°C
- **Storage temperature:** -20°C...70°C
- **Humidity:** 90% non-condensing

FTX2912 Optical Transmitter