

Brief description

OT1 / 1FEC is a converter of terrestrial and satellite TV and radio RF electrical signals for transmission via optical fiber (optical transmitter).

Power supply is possible via a DC connector. The transmitter is intended for use with single-mode optical fiber ("Singlemode").

When connecting the optical transmitter and optical receiver directly over a shorter distance without optical attenuation (eg an optical splitter), we recommend inserting at least 3 dB SC/APC optical attenuation between them.

**Technical data**

Parameter	Value
Input	1 x F-connector
Input – Frequency range	88–2150 MHz
Maximum Input Level	90 dBuV
Outputs	1 optical (SC/APC, single mode)
Maximum split ratio	1:64
Optical wavelength	1270 – 1610 nm (the exact CWDM wavelength needs to be specified)
Current consumption	0.15 A (12 V DC) + LNB
Dimensions (w,d,h)	150 x 60 x 50 mm
Temperature range	-30 – +60 oC

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