

## Product summary

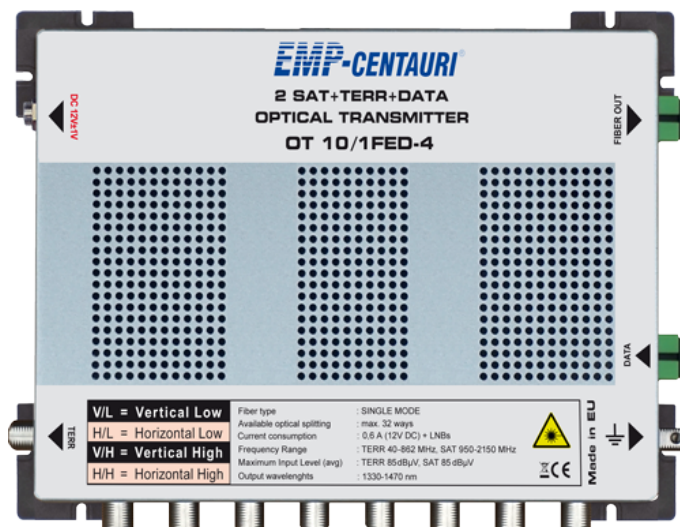
Optical transmitter, 8xSAT + TERR + DATA

## Brief description

OT10/1FED-4 is coaxial-to-fiber converter (optical transmitter) for 8 satellite inputs and one terrestrial input. In addition it allows passage of gigabit GPON/EPON data. It is powered from 12V power supply (included in package) and passes power also to connected Quattro LNBS (Quad LNB is not supported).

For optical connection a single mode fiber is required.

When connecting the optical transmitter and receiver directly over a shorter distance without optical attenuation (eg splitter), we recommend inserting the [SC/APC Attenuator 3dB-6dB Optical Attenuation](#).



## Technical data

| Parameter                | Value                               |
|--------------------------|-------------------------------------|
| Inputs                   | 9 x F-connector (8 x SAT, 1 x TERR) |
| Inputs – Frequency range | SAT 950–2150 MHz, TERR 40–862 MHz   |
| Maximum Input Level      | 85 dBuV                             |
| Data connector           | 1 optical (SC/APC), single mode     |
| Data wavelengths         | 1310 & 1490 nm (for GPON / EPON)    |
| Outputs                  | 1 optical (SC/APC), single mode     |
| Maximum split ratio      | 1:32                                |
| Optical wavelengths      | 1270–1430 nm                        |
| Current consumption      | 0.6 A (12 V DC) + LNBS              |
| Dimensions (w,d,h)       | 18,5 x 14,5 x 9,0 cm                |
| Temperature range        | -25 – +50 oC                        |
| Housing material         | Aluminium                           |

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