

Product summary

Optical transmitter, 16xSAT + TERR + DATA

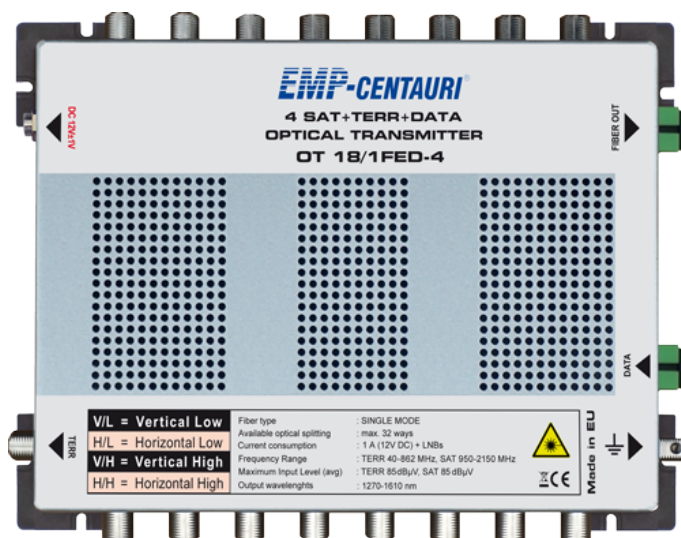
Brief description

OT18/1FED-4 is coaxial-to-fiber converter (optical transmitter) for 16 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.

8-SAT IF version is also available (part number OT10/1FED-4).

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	17 x F-connector (16 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	1270-1610 nm
Current consumption	1 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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