



**OPTEL**  
OPTOELETTRONICA  
TELECOMUNICAZIONI

## OPTICALSAT MODULES

**AN-2151**  
**US -2151**

### BIDIRECTIONAL TV-SAT RF / DISEqC COMMAND OVER A SINGLE MONOMODE OPTICAL FIBER



#### FEATURES

- Point-to-point fiber optic transmission over a single-mode fiber from Multiswitch to the User of the 950-2150 MHz TV-SAT RF signal and an optional 150-790 MHz Digital Terrestrial TV signal.
- Return path DISEqC signal transmission on the same fiber from the User to Multiswitch for one of the 4 HL, HH, VL, VH bandwidth choice.
- High transmission quality
- Complete electromagnetic interference immunity.
- Small size and total dielectric cabling.

#### MAIN CHARACTERISTICS

##### OPTICAL

- FIBER OPTIC	9 / 125 Singlemode
- CONNECTORS	FC-PC
- MAXIMUM LINK LENGTH	10 Km
- MAXIMUM LINK LOSS	10 dB

##### ELECTRICAL

- BANDWIDTH	150-2150 MHz
- INPUT LEVEL	75-85 dBuV
- OUTPUT LEVEL	70-80 dBuV
- IMPEDENCE	75 Ohm
- CONNECTORS	F

##### RETURN PATH

- DISEqC	13 - 17 V; 22KHz
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