



# OPTEL

OPTOELETTRONICA  
TELECOMUNICAZIONI

# R-2353VHT

## **Satellite Optical Fiber Receiver Module** **V-H Wide Band, Terrestrial FM,DAB,DVB-T Outputs**

### **PRODUCT DESCRIPTION**

R-2353VHT is an Optical Fiber Receiver Module originally designed and developed by OPTEL suitable to receive the full bandwidth TV-Satellite and TV-Terrestrial RF signals over one singlemode fiber Transmitted by the T-2353VHT Transmitter Module.

@ - R-2352VH is an optional version available  
without Terrestrial

### **PRODUCT FEATURES**

- @ - Multi-wavelength photodiodes with integrated WDM over a singlemode fiber
- @ - Low noise Front-End
- @ - V-H Wide Band + Terrestrial Outputs
- @ - Low distortion
- @ - Diecast Zamak case

### **MAIN TECHNICAL CHARACTERISTICS**



<b>OPTICAL</b> (Linked with T-2353VHT Module by means of single monomode fiber splitting PON)			
Optical Fiber			G652D 9/125 um singlemode
Optical Connector			SC-APC
Minimum Optical Link Loss allowed	dB		6 (from T- 2353VHT)
Maximum Optical Link Loss allowed	dB		18 (from T- 2353VHT)
<b>ELECTRICAL</b> (Linked with T-2353VHT Module by means of single monomode fiber splitting PON)			
Satellite Horizontal & Vertical Polarity Output Level	dBuV		60 ....80
Satellite Horizontal & Vertical Frequency Range	MHz		290.....2340
Terrestrial Output Level	dBuV		60....80
Terrestrial Frequency Range	MHz		47.....790
Satellite & Terrestrial Output Impedance	Ohm		75
Satellite & Terrestrial Output Return Loss	dB		10
<b>MECHANICAL</b>			
Case			Diecast Zamak
Dimension	mm		110 x 84 x 27
<b>POWER SUPPLY, MONITORING &amp; ALARMS</b>			
Power Supply & Monitoring			+6V / 500 mA / Green Lamp ON
Low Input Optical Power (LA)			Green Lamp OFF
Nominal Input Optical Power (OP)			Green Lamp ON
Temperature operating range			+5 to +35 o C