



Satellite Optical Fiber Receiver Module

2H, 2V Wide Band, Terrestrial, FM, DAB, DVB-T Outputs

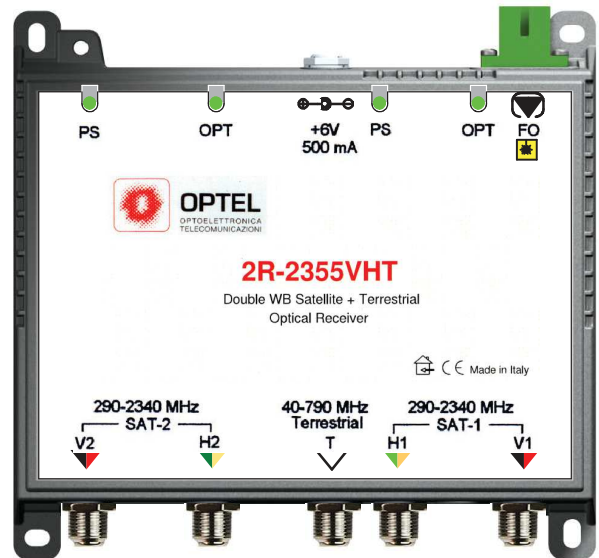
PRODUCT DESCRIPTION

2R-2355VHT is an Optical Fiber Receiver Module originally designed and developed by OPTEL suitable to receive the full bandwidth double TV-Satellite and TV-Terrestrial RF signals over one singlemode fiber Transmitted by the 2T-2355VHT Transmitter Module.

@ - 2R-2354VH is an optional version available without Terrestrial

PRODUCT FEATURES

- @ - Multi-wavelength photodiode with integrated WDM over a singlemode fiber
- @ - Low noise Front-End
- @ - 2V-2H Wide Band + Terrestrial Outputs
- @ - Low distortion
- @ - Diecast Zamak case



MAIN TECHNICAL CHARACTERISTICS

OPTICAL (Linked with 2T-2355VHT Module by means of single monomode fiber splitter PON)

Optical Fiber	G652D 9/125 um singlemode	
Optical Connector	SC-APC	
Minimum Optical Link Loss allowed	dB	6 (from 2T- 2355VHT)
Maximum Optical Link Loss	dB	18 (from 2T- 2355VHT)

ELECTRICAL (Linked with 2T-2355VHT Module by means of single monomode fiber splitter PON)

Satellite 2 Horizontal & 2 Vertical	Polarity Output Level	dBuV	60 ...80
Satellite 2 Horizontal & 2 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

MECHANICAL

Case	Diecast Zamak	
Dimension	mm	147 x 110 x 27

POWER SUPPLY, MONITORING & ALARMS

Power Supply	+6V / 1000mA / Green Lamp ON	
Low Input Optical Power (ALM)	Green Lamp OFF	
Nominal Input Optical Power (OP)	Green Lamp ON	
Temperature operating range	+5 to +35 o C	