



OPTEL

OPTOELETTRONICA
TELECOMUNICAZIONI

2R-2355dCSS

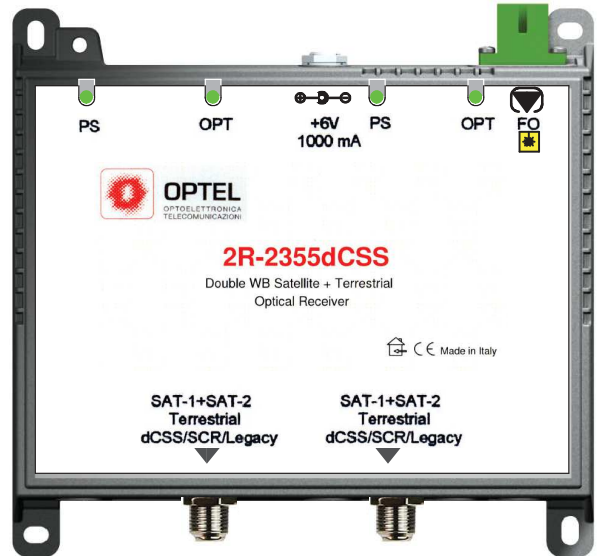
Double Satellite Optical Fiber Receiver Module 2 dCSS / SCR / Legacy + Terrestrial Outputs

PRODUCT DESCRIPTION

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

PRODUCT FEATURES

- @ - Multi-wavelength photodiode with integrated WDM over a singlemode fiber
- @ - Available with 2 dCSS-SCR-Legacy outputs
- @ - Compatible with SKY Q, EN50494, EN50607, Legacy
- @ - Low noise Front-End
- @ - Low distortion
- @ - Diecast Zamak case



MAIN TECHNICAL CHARACTERISTICS

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

Optical Fiber	G652D 9/125 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 splitting PON)

Number of user outputs	Nu	2
Number of User Band	Nub	16
Supported Standard	EN40494 / EN50607 / SKYdCSS DiSEqC 1.0/2.0 / Univ. Voltage & Tone	
Output Frequency Range	MHz	950....2150
Satellite Output Level	dBuV	85
Terrestrial Frequency Range	MHz	47.....790
Terrestrial Output Level	dBuV	75
Satellite/Terrestrial Isolation	dB	50
Satellite & Terrestrial Output Conn / Impedance	Ohm	F / 75
Satellite & Terrestrial Output Return Loss	dB	12

MECHANICAL

Case	Diecast Zamak	
Dimension	mm	147 x 110 x 27

POWER SUPPLY, MONITORING & ALARMS

Power Supply	+6V / 1500 mA / 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	