



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

PRODUCT DESCRIPTION

R-2353dCSS 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.

An integrated circuit inside the module converts the WB H & V polarities into 2 dCSS/Legacy output aggregate signals mixed with the Terrestrial.

PRODUCT FEATURES

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

MAIN TECHNICAL CHARACTERISTICS



OPTICAL (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	dB	18 (from T-2353VHT)
ELECTRICAL (Linked with T-2353VHT 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	110 x 84 x 27
POER SUPPLY, MONITORING & ALARMS		
Power Supply		+6V / 1000 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