

CTV-2000-FRX SERIES

FTTH CATV Optical Receiver



COMPATIBLE WITH: CTV-2000-FTX

SUMMARY

CTV-2000-FRX Optical Receiver is designed for FTTH broadband analog or digital CATV services. Working at extremely low optical input power, CTV-2000-FTX still generates excellent CATV signals.

- High Linearity Photodiode
- 1000MHz Bandwidth
- Low noise GaAs Amplifier
- Compact Housing
- 5V DC External Power Supply

SPECIFICATIONS

Input Optical Wavelength	1000~1600 nm
Working Optical Power	-2 ~ -8 dBm
Optical Connector	SC/APC
Optical Return Loss	60 dB
Input Optical Power Test	1 V/mW
RF Bandwidth	45 ~ 1000 MHz
RF Connector	Metric F or American F
RF Output Impedance	75 Ohm
RF Output Level	20dBmV @ -5dBm input optical Power
RF Flatness	+/- 0.75dB
RF Return Loss	>16 dB
CNR	>48 dBc @ -5dBm input optical Power
CSO	<-70 dBc @60ch PAL-D
CTB	<-60 dBc @60ch PAL-D
Power Supply	+5 V DC, Power Adapter Meet UL or CE or PSE or CCC
Power Consumption	< 1W
Working Temperature	-40 ~ +60C
Dimension (L*W*H)	87.8mm ~71mm ~25.1mm
Weight	0.13 Kg (not including power adapter)

ORDERING INFORMATION

CTV-2000-FRX: FTTH CATV Optical Receiver

CONTACT

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