



FIBRE TV RECEIVER 47 MHz ... 2400 MHz

FIBRE RECEIVER



FIBRE RECEIVER ACTIVE SC/APC COM PON WITH RF OUT / RF TEST OUT

Product Code: DF/RXL2-F2

This fibre receiver has been specifically designed to receive wide band frequencies from 47 MHz to 2400 MHz. The receiver is used in small, medium and large fibre distribution network end points. This unit provides long life stability and exceptional reliability.

FEATURES

- Operating wavelength at 1550 nm
- WDM pass EPON, GPON, XGPON
- Built in AGC (Automatic Gain Control)
- Wall or Desk mount design for simple installation
- High quality metal housing with LED indicator
- Low power consumption
- Compatible with FTTx PON



Specifications

Optical Parameters	Operation Wavelength	1260 to 1620	nm
	Optical Input Power	-15 to -2	dBm
	Optical Return Loss	45	dB
	Optical Connectors	SC/APC	
	WDM Pass Through Wavelength	1550	nm
	WDM Supports	EPON, GPON, XGPON	
RF Parameters	Bandwidth	47 to 2400	MHz
	Flatness (47 ... 862 MHz)	± 1.5	dB
	Flatness (950 ... 2400 MHz)	± 2.2	dB
	Output Level	85 (at -2 ... -12 dBm Input) *NOTE 1	dBμV
	AGC (Optical)	-2 to -12	dBm
	Test Port Output Level	-20	dB
	Impedance	75	Ω
	Return Loss	≥ 10	dB
	MER	≥ 38 (64QAM at -8 ... +2 dBm)	
	BER	1.0E-09 (64QAM at -8 ... +2 dBm)	
	IMD	-65	dBc
	Connectors	2 x F Female	
Other	Power Adaptor	12	VDC
	Consumption	≤ 5	W
	Operating Temperature	0 to +50	°C
	Storage Temperature	-20 to +85	°C
	Humidity	20 to 85	%
	Weight	0.175	Kg's
	Dimensions (H x W x D)	126 x 72 x 26	mm

*NOTE 1: Multiple Carriers Include: 7 x 7 MHz DVB-T + 27 x 8 MHz DVB-C + 29 x 36 MHz DVB-S/S2

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