



## 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-F2HO

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**

Specifications

- · 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

In	put: 12	VD	C / 5	W	COM	F	ON	
W	IDEB/	ANE	FIE	BRE (	OPTIC	AL R	ECE	IVER
File W RF Co Op AC	oduct Coore TV Wa DM Supp Bandwid onnector: otical Inpu GC Range: Output:	ort: ( th: 4 SC/A ut Pow : +2(	gth: 1 GPON 7 MHz PC er: - dBm to	550 nm / XGPO z to 240 13 dBm o - 8 dB	1 ± 5 IN / EPON IO MHz In to + 2 d	Bm Bm	Austr	
	S/N: C	F/RXL	2-F2H	01812	060002			
	S/N: C	F/RXL	2-F2H	O18120	060002			
	S/N: C	DF/RXL	2-F2H	O18120	060002			
	S/N: C	DF/RXL	2-F2H	018120	060002			
	S/N: C	DF/RXL	2-F2H	O18120	060002			
	S/N: C	DF/RXL	2-F2H	018120	060002			
	S/N: C	DF/RXL	2-F2H	018120	060002			
	S/N: C	DF/RXL	2-F2H	018120	060002			
	TATUS RI	EFERE	NCET	ABLE				
ED S	TATUS RI Meaning		NCET					
	TATUS RI	EFERE Colour	NCE T	<b>ABLE</b> Description				
	TATUS RI Meaning	EFERE Colour RED /	NCET Status ON OFF	ABLE Description Power ON Power OFF		+ 2 dBm		
.ED	TATUS RI Meaning	EFERE Colour	NCET Status ON OFF	ABLE Description Power ON Power OP Optical Pow Optical Pow		or > + 2 dB		

Specifications					
	Operation Wavelength	1260 to 1620	nm		
	Optical Input Power	- 13 to + 2	dBm		
Optical Parameters	Optical Return Loss	45	dB		
Uplical Parameters	Optical Connectors	SC/APC			
	WDM Pass Through Wavelength	1550	nm		
	WDM Supports	EPON, GPON, XGPON			
	Bandwidth	47 to 2400	MHz		
	Flatness (47 862 MHz)	± 1.5	dB		
	Flatness (950 2400 MHz)	± 2.2	dB		
	Output Level	95 (at + 2 8 dBm Input) *NOTE 1	dΒμV		
	AGC (Optical)	+ 2 to - 8	dBm		
RF Parameters	Test Port Output Level	- 20	dB		
KF Farailleters	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			
	Power Adaptor	12	VDC		
	Consumption	≤ 5	W		
	Operating Temperature	0 to + 50	°C		
Other	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		

<sup>\*</sup>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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