

STGold

PRODUCT CODE: OP-OR862/1, WDM

**FTTX CATV RECEIVERS
FIBRE OPTIC RECEIVERS**

KEY FEATURES:

- Wide Range Receivers - Optical Power Input of +3dB to -12dB
- RF Output Range of 92-62dB (Depending on Optical Strength)
- Adjustable RF Attenuation of 0 - 18dB
- LED Indicator for correct input power
- OP-OR862/1WDM - Added feature of built in WDM, Receives RF and allows DATA/COMMS to pass



Specification		Value	Notes
Optical Performance	Input Wavelength	(nm)	1250 - 1600 1540 - 1560
	Output Wavelength	(nm)	1310 & 1490
	Receiving Power	(dB)	+3 to -12
	Channel Isolation	(dB)	≥ 40
	Optical Return Loss	(dB)	≥ 55
	Optical Fibre Connector		SC / APC
RF Performance	Frequency Range	(MHz)	47 - 862
	RF Flatness	(dB)	≤± 1.0
	Output level (Max)	(dBμV)	92
	Output level (Typ)	(dBμV)	78
	Output level (Min)	(dBμV)	62
	Output Attenuation	(dB)	0 - 18
	RF Return Loss	(dB)	≥ 12
	RF Impedance	(Ω)	75
	Number Outputs		1
	RF Connector		F-Female
* Following Specifications at -4 dBm Optical Input with Transmitter at 4% OMI for Channel A60 *			
	CNR (Typical)	(dB)	≥ 53
	CTB (Typical)	(dB)	≥ 70
	CSO (Typical)	(dB)	≥ 66
General	Operating Voltage	(V)	12 VDC
	Consumption	(W)	≤ 2
	Operating Temperature	()	-20 to +50
	Storage Temperature	()	-40 to 85
	Relative Humidity	(%)	5 to 59
	Size	(mm)	23 x 59 x 98
			(H) x (W) x (D)