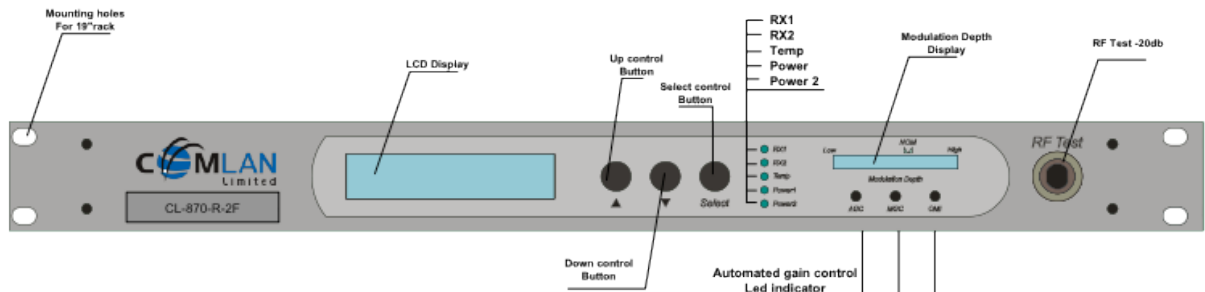


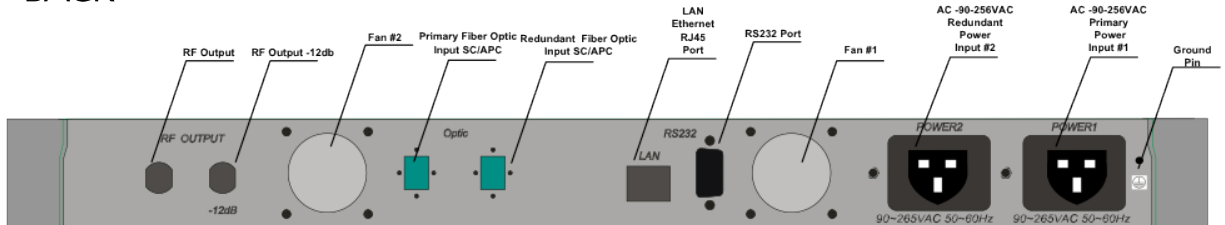
Optical RF Fiber Optic Receiver CL-870-R-2F Series Technical Specification

CL-870-R-2F

FRONT



BACK



PRODUCT DESCRIPTION

The CL-870-R-2F is a CATV band optical receiver with dual redundant fiber inputs and RF output. When a fault is detected on the primary optical input the unit automatically switches to the backup channel. The CL-870-R-2F series receivers are built for high end applications. Our two channel redundant input system is built for reliability and ensures zero percent system downtime.

PRODUCT FEATURES

- Automatically adjusted optical AGC (Automatic Gain Control)
- All working parameters are controlled by a microprocessor and are displayed on a front panel LCD.
- Dual optical receiving ports with automatically controlled fault switching.
- Casing temperature is automatically controlled.
- Dual power supplies with automatic fall over fault switching.
- RF input level displayed on front panel.

PRODCUT SERIES CL-870-R

CL-870-R-2F Output Level: $113\text{dB } \mu\text{V}$ (0dBm Receive)

CL-870-R-2F

TECHNICAL SPECIFICATIONS

Performance			CL-870-R-2F
Optic features	Wavelength	(nm)	1310 / 1550
	Input power	(dBm)	-5~+3
	Working mode		Optical AGC
	Echo loss	(dB)	≥55
	Optical connector		SC/APC
RF features	Bandwidth	(MHz)	45~862
	Output level	(dBμV)	113
	Flatness	(dB)	≤±0.5
	Output level adjustable	(dB)	0~20(MGC)
	Return loss	(dB)	≥16(750MHz)
	Output impedance	(Ω)	75
Link features	Test channel		PAL-D/60ch
	CNR	(dB)	≥52(10Km fiber, -1dBm receive)
	CTB	(dB)	≤-70
	CSO	(dB)	≤-63
General features	Network management interface		RJ45, RS232 (support IE and SNMP)
	Power supply	(V)	90~265VAC (-48VDC selectable)
	Power Consume	(W)	≤50(single power work)
	Work temp.	(°C)	-5~65(Machine temp. Control automatically)
	Storage temp.	(°C)	-40~85
	Relative humidity	(%)	5~95
	Size	(") (mm)	19×14×1.75= 482×355×44
	Weight	KG LB	6 12