

# HR9136, HR9153

## Full-function Top-class AGC Forward Path Optical Receiver

### PRODUCT DESCRIPTION

HR9100 series AGC forward path optical receiver is designed and produced by absorbing the advantages of all kinds of CATV AGC optical receivers from both home and abroad. Featured with high index, multi-function and high reliability, it is suitable for high-end subscribers.

### PRODUCT FEATURES

- ▶ Optical AGC
- ▶ The working parameter is controlled by microprocessor and showed by display screen.
- ▶ Dual power supply inside backup . Switch full-automatically.
- ▶ Casing temperature is auto-controlled.
- ▶ Advanced Network Management function.
- ▶ Intuitional RF output level display.

### PRODUCT SERIES

- ▶ HR9136 Output level: 96dB $\mu$ V(0dBm Receive)
- ▶ HR9153 Output level: 113dB $\mu$ V(0dBm Receive)



## TECHNICAL INDEX

Performance			HR9136	HR9153
Optic feature	Wavelength	(nm)	1310/1550	
	Input power	(dBm)	-5~+3	
	Working mode		Optical AGC	
	Return wave loss	(dB)	≥55	
	Optical connector		FC/APC, SC/APC	
RF feature	Bandwidth	(MHz)	45~862	
	Output level	(dBμV)	96	113
	Flatness	(dB)	≤±0.5	
	Output level adjustable	(dB)	0~20(MGC)	
	Reflect loss	(dB)	≥16(750MHz)	
	Output impedance	(Ω)	75	
Link feature	Test channel		PAL-D/60CH	
	CNR	(dB)	≥52(10Km fiber, -1dBm receive)	
	CTB	(dB)	≤-70	
	CSO	(dB)	≤-63	
General feature	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.	(℃)	-5~65(Machine temp. Control automatically)	
	Storage temp.	(℃)	-40~85	
	Relative humidity	(%)	5~95	
	Size (W)x(D)x(H)	(mm)	483×254×44	