

## HGN-9924 : 4 Outputs, -9 - +2 dBm, 108 dBV.



### FEATURES

- ❖ Excellent AGC characteristics : Pin: -9.0dBm ~ +2dBm,  $\Delta V_o : \leq \pm 1.0\text{dB}$ ,
- ❖ Variety of machine operating parameters controlled by the microprocessor, LED display,
- ❖ Output level and slope, adjust and set through the microprocessor
- ❖ High performance, high reliability
- ❖ Best cost performance of industry

### SPECIFICATIONS

	Performance		Index	Additional
Optic feature	Operating wavelength	(nm)	1260 ~ 1620	
	Response degree	(A/W)	> 0.85	1310 nm
			> 0.9	1550 nm
	Optical AGC control range	(dBm)	-9 ~ +2	
	Optical return loss	(dB)	$\geq 50$	
	Fiber linker		LC / APC	Optional SC/APC, FC/APC
RF	RF OUTPUT		<b>4 Outputs</b>	
	Operating Bandwidth	(MHz)	47 ~ 862	HGN-9924
	Flatness	(dB)	$\leq \pm 1.0$	
	Output Level	(dB $\mu$ V)	108 $\pm$ 1.0	
	AGC feature	(dB)	$\leq \pm 1.0$	
	Output level adjust range	(dB)	-20 ~ 0	
	Output slope adjustment range	(dB)	-10 ~ 0	
	Return loss	(dB)	$\leq 14$	47 ~ 862 MHz
	Output Impedance	( $\Omega$ )	75	
		RF connector		F-Female
Link feature	Test channel		59CH(PAL-D) Digital QAM	47 - 550 MHz. Analog 550-862 MHz.
	OMI	(%)	3.8	
	CNR	(dB)	$\geq 52$	Pin = -2.0dBm
	CTB	(dB)	$\leq -65$	$V_o = 108 \text{ dB}\mu\text{V}$
	CSO	(dB)	$\leq -60$	$V_o = 108 \text{ dB}\mu\text{V}$
	HUM	(dB)	$\leq -60$	
	Optical emission wavelength	(nm)	1310 1550	43 x 4 , 63 x 4 45 x 4 , 65 x 4
Return Transmit feature	Optical output power	(dBm)	2 ~ 4	
	Optical connector type		LC / APC	Optional SC/APC, FC/APC
	Input level	(dB $\mu$ V)	85 ~ 90	
	Input Impedance	( $\Omega$ )	75	
General feature	SNMP network manage. interface		RF45	
	Power supply	(V)	AC (35 ~ 90) V	AC60
	Power consumption	(W)	$\leq 15$	
	Relative humidity	(%)	5 ~ 59	