

## GF8630R/8640R CATV DISTRIBUTION AMPLIFIER

### Features

- ※ Deluxe aluminum housing for excellent head-sinking.
- ※ 60 dBmV (120dB $\mu$ V) high output level.
- ※ -20 dB input/output test point.
- ※ Tilt control & gain control continuously adjustable.
- ※ Built-in power supply for easy installation.
- ※ Comply with EN50083-1:1993 / EN50083-2:2001 / EN50083-3:2002



### Specifications

Operation Frequency Range	:	54 - 862 MHz
Output Level	:	60 dBmV (120dB $\mu$ V)
Gain	:	Typical 30 dB (GF8630R series) Typical 40 dB (GF8640R series)
Return Path	:	0 or 20 dB (option) (5-42 MHz)
Gain Control	:	0 ~ -20 dB continuously adjustable
Tilt Control	:	0 ~ -20 dB continuously adjustable
Gain Flatness	:	$\pm$ 2.0 dB
Return Insertion Loss	:	$\leq$ 4 dB
Input Return Loss	:	$\geq$ 10 dB
Output Return Loss	:	$\geq$ 10 dB
Screen Factor	:	> 60dB
Noise Figure	:	$\leq$ 5.0 dB
Input & output Impedance	:	75 $\Omega$
Input & output test point	:	-20 dB
Connector	:	All F-type
Power Supply	:	190V ~ 230V AC
Power Consumption	:	6W (GF8630R) 9W (GF8640R)
Operating Temperature	:	-10 ~ +50 $^{\circ}$ C
AC Fuse (internal)	:	0.5 Amp/GF8630R 0.63 Amp/GF8640R
Dimensions	:	(190 x 135 x 50) mm