

2320000610

SEAS 4040

Line amplifier, up to 48 outlets (+36/42db)



Description

- ✓ Proven and reliable technology
- ✓ Simple and easy installation
- ✓ No additional accessories in system setup
- ✓ Excellent ESD and Surge protection
- ✓ Line amplifier for worldwide marine use
- ✓ Sturdy die-cast housing conforming to protection class IP54

Specifications

GENERAL

Dimension (HxWxD) (mm)	(H) 265 x (W) 190 x (D) 110 mm
Housing	Aluminium Die-casting, Finishing: Black painted
Connectors	IN: 5/8"-24 NEF F- Female to 3/8"-32 UNEF F-Female Adaptor
	OUT: F-Female Connector (4 pcs)
Weight	3.5Kg

ELECTRICAL SPECIFICATION

RF Amplification	Push-Pull Hybrid Module	
Operation Gain IN-OUT w/ RA	100 KHz .	16.5 dB min.
Operation Gain IN-OUT	5 MHz	22.0 dB min.
Operation Gain IN-OUT	27 MHz	27.0 dB min.
Operation Gain IN-OUT	47~862 MHz	36.0 dB min. w
Operation Gain IN-OUT	47~862 MHz	42.0 dB min. w
	200 ~ 890	16.0 dB*
Antenna	40 ~ 830	11. dB*
Noice Figure		7.5 dB max.
Flatness of Frequency Response		+/- 2 dB max.
Max. Output Level, 2 signals		105 dBuV, 3rd order IMD
Variation of Gain with Temperature		0.02 dB/C max.
Manual Attenuation FM	40 ~ 110 MHz	0 ~ 20 dB
Manual Attenuation FM	170 ~ 890 MHz	0 ~ 20 dB
Current Consumption		150 mA +/- 10%
*) At 40 MHz -1.5 dB/oct.		

GENERAL SPECIFICATIONS

Amplifier Current	200 mA max.
Ripple	2mV RMS Max.
AC Cord	Schuko type § 4.8 mm 2 Round pin + Ground port, 1.5 m cord
Operating Temperature	-40 to +60°C

EMC & SAFETY

EMC	EN50083-2, EN61000-3-2/3-3
Safety	EN60945, EN60065, EN60728
Dielectric Strength Test**	1 mA max.
Protective Earth Connection***	1 V AC max.

**) Test by Voltage
Meter applied between the protective earth contact of the mains plug and all accessible conductive parts.

***) Test by Hi-Pot tester.
