zenitel

DATASHEET



2320000610

SEAS 4040

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

- 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

Description

SEAS 4040 Line Amplifier for Coax TV Distribution

The SEAS 4040 is a line amplifier designed for cost-efficient TV distribution onboard vessels.
It enables stable signal levels across long coax cable runs and multiple outlets.
Automatic Level Control ensures consistent performance even with varying input signals.
Well suited for newbuilds and retrofits where existing coax infrastructure is reused.
A practical solution for reliable onboard TV with low system complexity.

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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

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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

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EMC & SAFETY

EMC	EN50083-2, EN61000-3-2/3-3
Safety	EN60945, EN60065, EN60728
Dieletric 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.

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