zenitel

DATASHEET

2320000609

SEAS 4030

Line amplifier, up to 32 outlets (+30db)



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

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Specifications

GENERAL

Dimension (HxWxD) (mm)	(H) 230 x (W) 165 x (D) 82 mm
Housing	Aluminium Die-casting, Finishing: Black painted
Connectors	IN,OUT: 5/8”-24 NEF F-Female to 3/8”-32 UNEF F-Female Adaptor
Cord Bushing	Ø12.5, Black : Relay Control
Weight	2.5Kg

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ELECTRICAL SPECIFICATION

Frequency Range	Freq. Range (MHz)	0.1 ~ 26.5; 40 ~ 890 MHz
Gain Antenna out	0.1 ~ 26.5 .	12.0 dB min
	40 ~ 110	18.0 dB min.
	170 ~ 890	20.0 dB min.
Return Loss Out	40 ~ 270	11.0 dB*
	110 ~ 170	none
	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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