

A3750 Amplifier TV, Band I Cassette Module

The A3750 Cassette Amplifier Module covers Band I (40-70 MHz). It is intended for use with SAILOR CAS 3700 Headend Cassette Amplifier Systems and is well suited for distribution of digitally modulated signals. An Automatic Level Control circuit (ALC) helps maintain the output level stable under the varying conditions often encountered aboard ships.

Technical specifications

Frequency range/Amplifier gain

Band I 40-70 MHz 35 $\pm$ 2 dB

Gain flatness <1 dB within any channel

Manual attenuation 0-20 dB

ALC

Max. output level 118 $\pm$ 2 dB μ V (1 sign.)

Range >50 dB

3rd order intermodulation <60 dBc (ALC limited)

Miscellaneous

Return loss >18 dB

Noise figure <5 dB

Impedance 75 Ω

Electrical

Supply voltage 24 VDC $\pm$ 10%

Current consumption 100 mA $\pm$ 10%

Connections

DC-Connection DC Jack Socket 2.5x5.5mm

RF-Connection BNC Female

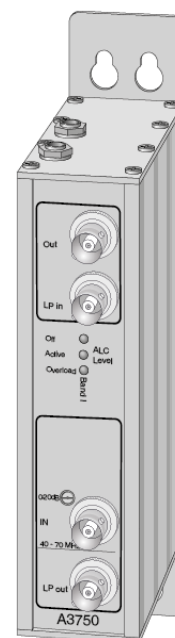
General

EMC EN 60945:2002, EN50083-2

Operational temp. range -25 to +55°C

Net Weight: 0.47 kg

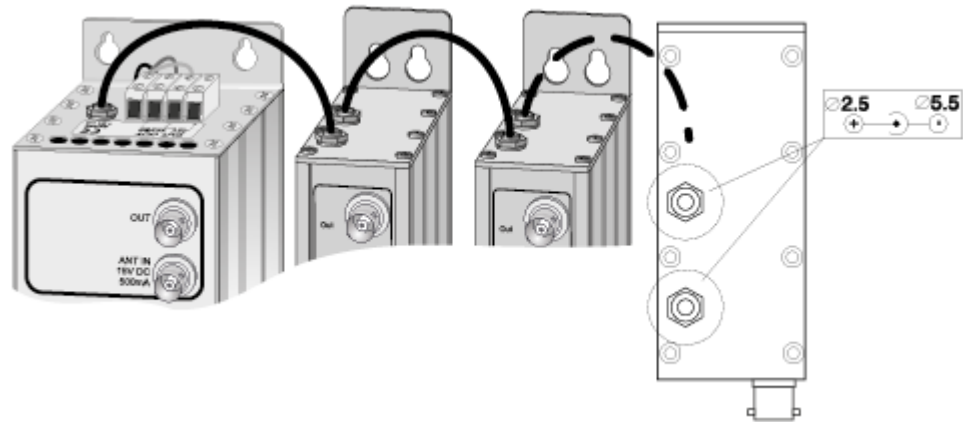
Dimensions (Length x Width x Height) 96 x 41 x 210 mm



Ordering information

P/N	Description
201811	A3750 Amplifier TV, Band I

Power connector



Package details

P/N	Type of Package	Net Weight (kg)	Gross Weight (kg)	Dimensions, Primary Pack (LxWxH cm/Vol. m ³)
201811	Carton	0.47	0.52	12x4.5x23 cm/0.001242 m ³