

## Datasheet

### EV5-110A IRS TV Amplifier (124242)

The EV5-110A IRS Terrestrial amplifier is designed to be co-located with dSCR and Legacy switches so that extra terrestrial points can be provided in the apartment. This can negate the use of Distribution amplifiers in the apartment. With minimal insertion loss up to a total of four switches / amplifiers can be cascaded together.

- 10dB Gain on all 10 Terrestrial outputs
- Colour coded inputs / outputs
- Insertion Loss Sat <1dB, Terr <4dB
- Through Current 1 Amp per leg
- Fully screened die-cast housing to reject interference
- Factory fitted earth bars
- 75 Ohm switched Termination
- Enables easy distribution and balance of signals



Model	<b>EV5-110A (124242)</b>
Frequency Range SAT	950MHz – 2200MHz
TERR	50 – 790MHz
Number of Inputs / Subscriber Outputs / Outputs	5/10/5
Terrestrial Gain	10dB
Maximum Input IMD <sup>-35</sup>	87dBµV (81dBµV de-rated)
Insertion Loss SAT / Terr	<-1dB / <-4dB
SAT IF / SAT IF Input Isolation	>25dB
SAT IF / Terr Input Isolation	>25dB
SAT IF Output – SAT Output Isolation	>25dB
Terr / Terr- Output Isolation	>25dB
Return Loss All ports	>10dB
DC Consumption Terr TV amplifier via H lines	12VDC 80mA with LED Indication
Impedance	75Ω
Connectors	F-Type (f) Earth Bar F-Type (f) Quick F (m)
Max DC Pass into the trunk	18V 1.0A per leg
Operating Temperature	-20°C to +50°C
Dimension inc connectors (mm) / Weight	134 x 134x 30mm 472g

In the interests of continued product improvement and development we reserve the right to change specifications, design and dimensions without prior notice.  
Details correct at date of publication E&OE ©2018 Vision Products (Europe) Ltd

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