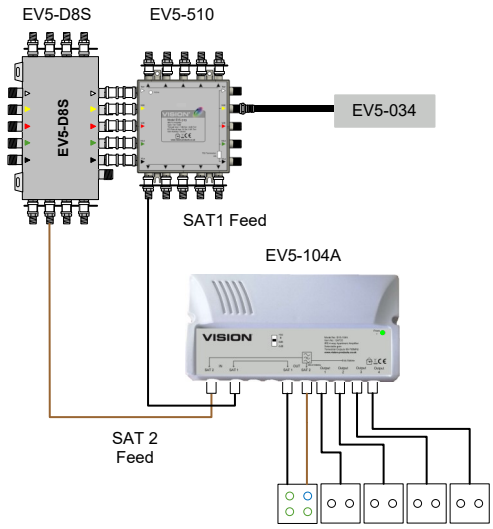
VISION® Datasheet

EV5-104A IRS TV Amplifier (124735)

The EV5-104A IRS Terrestrial amplifier is designed to be located in a distribution point within the apartment. By taking two feeds from the IRS system and connecting them directly to the distribution amplifier it enables the radio and terrestrial services to be filtered out and sent to four secondary rooms.
SAT1 input comes from the legacy switch and SAT 2 from the dSCR,
SAT1 output then is connected to the SAT1 side of the Quad outlet plate and Sat 2 to SAT2.
SAT1 has all services which are triplexed out by the plate and SAT 2 only carries IF frequencies, the terrestrial frequencies have been filtered off as they and directed to the bedroom points.



- -5, 0, +5dBdB switched Gain
- Enables easy distribution and balance of signals
- Insertion Loss Sat <1dB, Terr <4dB
- Through Current 1 Amp per leg
- Fully screened housing to reject interference

Model	**EV5-104A (124735)**
Frequency Range SAT	950MHz – 2200MHz
TERR	50 – 790MHz
Number of Inputs / Subscriber Outputs / Outputs	5/10/5
Terrestrial Gain	10dB
Maximum Input IMD^{-35}	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^{0}C to +50^{0}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 ©2019 Vision Products (Europe) Ltd

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