

Spaun Launch Amplifiers: 5 Wire

5 Wire Launch Amps		A-SBK 5509NF	A-SBK 5502NF	A-SBK 5503NF
Gain	Terr RF Passive	-3.5dB	-3.5dB	-3.5dB
	Terr RF Active	+22dB	+22dB	+27...+30dB
	Sat IF Active	+19...+23dB	+19...+23dB	+19...+23dB
Rejection	Terr/Sat	≥22dB	≥30dB	≥30dB
	Sat /Terr	≥35dB	≥35dB	≥50dB
Isolation	Trk/Trk	≥26dB	≥26dB	≥35dB
Max Output Level	Sat IF	EN50083-3/35dB IMA ₃ 110dBuv	EN50083-3/35dB IMA ₃ 110dBuv	EN50083-3/35dB IMA ₃ 110dBuv
		EN50083-3/35dB IMA ₃ 110dBuv	EN50083-3/35dB IMA ₃ 110dBuv	EN50083-3/35dB IMA ₃ 110dBuv
		EN50083-3/35dB IMA ₃ 110dBuv	EN50083-3/35dB IMA ₃ 110dBuv	EN50083-3/35dB IMA ₃ 110dBuv
Noise Figure	Terr RF	7.5dB	7.5dB	8.5...7.5dB
	Sat IF	7dB	7.5 ... 5dB	9.5...7dB
Power Consumption		46W	36W	50W
Through Loss	Terr RF	-3.5dB	-3.5dB	-3.5dB
	Terr Act.		Nil(Active)	
	Sat IF	Nil(Active)	Nil(Active)	Nil(Active)
Number of Inputs		4xSat 1xTerr	4xSat 1xTerr	4xSat 1xTerr
Number Of Outputs		4xSat 1xTerr	4xSat 1xTerr	4xSat 1xTerr
Dimensions (mm)		220x130x52	260x130x52	300x130x52



5 Wire Launch Amps



TERRA VSB Modulator AV-ModVSB

Features:

- Frequency agile vestigial sideband (VSB) TV modulator
- LED display and push button control
- Non-volatile RF output channel memory
- PLL crystal stabilisation of carrier frequency
- Adjustable RF output level and audio input level
- One module for entire spectrum
- Low level harmonics and international products
- Built-in test pattern generator
- Supplied with F Terminator when RF input combiner is not used
- Front panel control lock



AV-RF Modulator		AV-ModVSB
Video Input	Frequency Range	20 Hz - 6 MHz
	Level / Impedance	1 V ± 3 dB / 75 Ω
Audio Input	Frequency Range	20 Hz - 15 kHz
	Level / Impedance	775mV / 600Ω
RF Output	Level / Impedance	77 ... 92 dBμV (Adj.) / 75 Ω
	Output Channels	1 - 75 S11 - S41
Frequency Range		47 ... 862 MHz
Sound Subcarrier Frequency		5.5 MHz, 6.0 MHz
Fine Tuning Range of Video Carrier Frequency		±2.25 MHz max. by 0.25 MHz step
Combining Through Loss		< 2.0dB
Frequency Range of RF Combining		47 ... 862 MHz
A/V Ratio, Switchable		12 / 16 dB
Amplitude Modulation Depth (Typ.)		75 % ± 10%
Signal / Noise Ratio, Weighted		≥ 55 dB
II, III Order Intermodulation Distortion		< 60 dB
Power Consumption		240V AC / 50 Hz
Connectors		AV- RCA Socket RF- F/Type Female
Number of Inputs		1 x AV & 1 x Terr. RF
Number of Outputs		1 x Terr. RF
Dimensions (mm)		180 x 87.5 x 50.50

Ellies 3 Channel Modulator AV-Mod3



Features

- Small Modern & Compact Housing
- 3 x Composite Audio Video Inputs
- High Stability using PLL Technology
- Converts Composite AV (Audio Visual) to RF (Radio Frequency) Signals
- This unit is suitable but not limited to the Distribution of a VCR, DVD, CCTV, Digital TV, Pay TV, Video Cameras (CCTV) and Video Games
- Allows AV Output Devices to be distributed throughout the Home/Office via Coaxial Cable
- Select the desired UHF Channel Output
- Easy to Install into the Existing Antenna Installation
- Level Adjustment
- LED 2 Digit Channel Display
- On/Off Switch with Power Indicator
- MOD (Mode) Select Key & Channel Up/Down Keys
- Energy Efficient with Low Voltage power Adaptor



Frequency Range	UHF: 470 to 862 MHz
Max. Output Level	85 dBμV
Output Level Adjust	20 dBμV
Channels	3
Inputs	Video via RCA Audio via 3.5 mm
Output	RF via F Female
Operation t	Indoor
Power Adaptor	9 VDC @ 300 mA
Dimensions	133mm x 90mm x 34mm