

## Datasheet

### V5 Multiswitches Line Powered

- V5-504 5-Input, 4-output Multiswitch**
- V5-508 5-Input, 8-output Multiswitch**
- V5-512 5-Input, 12-output Multiswitch**
- V5-516 5-Input, 16-output Multiswitch**



- Designed for line powered IRS installations
- Power from headend, anywhere on horizontal trunk cables, or local power
- Very low current consumption
- Active satellite and terrestrial with "stepped" gain for signal equalisation
- Terrestrial signal always active
- Level controls for High and Low satellite bands and terrestrial inputs
- High output for long subscriber lines
- Earth bonding bars pre-mounted
- LED power indicator

Model	V5-504	V5-508	V5-512	V5-516
Number of Inputs		4 x SAT + 1 x Terrestrial		
Number of Outputs	4	8	12	16
Frequency Range	SAT	950 – 2400MHz		
	Terr	47 – 862MHz		
Gain SAT	Output 1 - 4	7 to 12dB		
Fixed Slope	Output 5 - 8	6 to 10dB		
Pre-emphasis	Output 9 - 12	5 to 8dB		
Gain Terrestrial	Output 13 – 16	4 to 6dB		
	Output 1 – 4	4 to 10dB		
	Output 5 – 8	3 to 6dB		
	Output 9 - 12	2 to 6dB		
Gain Control	Output 13 – 16	1 to 4dB		
	SAT	10dB on Low and High Polarity		
	Terrestrial	17dB		
Output Level SAT (IMD3 – 35dB)		93dBuV		
Output Level (DIN 45004B)	Output 1-4	92dBuV	92dBuV	92dBuV
	Output 5-8	-	90dBuV	90dBuV
	Output 9-12	-	-	88dBuV
	Output 13-16	-	-	86dBuV
SAT / SAT Input Isolation		>30dB		
SAT / SAT Output Isolation		>30dB		
Terrestrial Output Isolation		>30dB		
DC Pass from external PSU		18V / 1.0A max		
Current consumption from receiver		<180mA		
Current consumption from H Lines or external power supply at 2.1mm jack socket		12V to 18V / 80mA		
Control Signals	V/Lo, H/Lo	11.5V – 14.5V/0kHz, 16.5 – 19V/0kHz		
	V/Hi, H/Hi	11.5V – 14.5V/22kHz, 16.5 – 19V/22kHz		
Dimensions mm	140 x 165 x 53	170 x 165 x 53	210 x 165 x 53	250 x 165 x 53
Weight	0.45kg	0.55kg	0.65kg	0.75kg

*In the interests of continued product development & improvement, Vision Products (Europe) Ltd reserves the right to change product specifications, design & dimensions. Data correct at time of going to press 28/07/2008.*