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## Datasheet

## V5-EVO Multiswitches - Line Powered

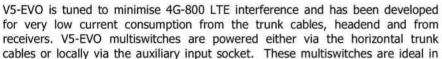
EV5-508 5-input, 8-output line powered multiswitch

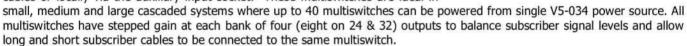
EV5-512 5-input, 12-output line powered multiswitch

EV5-516 5-input, 16-output line powered multiswitch

EV5-524 5-input, 24-output line powered multiswitch

EV5-532 5-input, 32-output line powered multiswitch





- Designed for large, medium and small line powered IRS installations
- Power from headend, anywhere on horizontal trunk cables via remote power supply, or local power
- Very low current consumption / 60mA trunk / 65mA receiver
- Active satellite and terrestrial with "stepped" gain for signal equalisation
- Switchable input attenuators for all satellite and terrestrial input bands
- High input /output capability for long subscriber lines
- Pre-mounted earth bars
- LED power indicator
- Fully screened diecast housings for extreme interference immunity

			4 x SAT + 1 x Terrestrial			
ts	8	12	16	24		32
SAT			950 -	2400MHz		
Terr			47 -	790MHz		
Output 1 - 4	0 to +	7dB		Output 1 - 8	-4 to +3dB	
Output 5 - 8	-1	to +5dB		Output 9 - 16	-5 to +1dB	
Pre-emphasis Output 9 - 12 Output 13 - 16	18. 000	-2 to +3	2dB	Output 17 - 24	-6 to -1dB	
	.,		-3 to 0dB	Output 25 - 32		-7 to -3dB
		-1 to +3dB		Output 1 – 8	-2 to +1dE	3
	1	-2 to +1dB		Output 9 - 16	-4 to -1dB	
	1.	-3 to -1	ldB	Output 17 - 24	-5 to -2dB	
Output 13 – 16			-4 to -3dB	Output 25 - 32		-6 to -4dB
SAT	0 – 12dB in 4dB steps					
Terrestrial	0 – 15dB in 1dB steps					
(IMD <sup>3</sup> – 35dB)			96	5dBuV		
(		91dBuV		Output 1 – 8	89dBuV	
		CONTRACTOR OF THE PROPERTY OF	ωV			
		, T	85dBuV	Output 25 - 32		83dBuV
solation				>30dB		
			7 300	5 / 1005		
ernal PSU	18V / 600mA max					
			<	65mA		
	12V to 18V / 60mA					
		11 EV _ 14 EV/0647 16 E _ 10//0647				
Control Signals V/Lo, H/Lo V/Hi, H/Hi	11.5V – 14.5V/0KHZ, 16.5 – 19V/0KHZ 11.5V – 14.5V/22kHz, 16.5 – 19V/22kHz					
rature	-20°C to +50°C					
	187v135v3r	) 227x135v30	267 v 135	y 53 227v1	35×50	267x135x50
					100 TO 10	1.9kg
i	Output 1 - 4 Output 5 - 8 Output 9 - 12 Output 13 - 16 Output 5 - 8 Output 5 - 8 Output 9 - 12 Output 13 - 16  SAT Terrestrial  (IMD <sup>3</sup> - 35dB) (DIN 45004B) IMD <sup>3</sup> -60  solation SAT / SAT / Terr - / SAT-TV  ernal PSU ion from H power supply V/Lo, H/Lo V/Hi, H/Hi	Output 1 - 4	Output 1 - 4 Output 5 - 8 Output 9 - 12 Output 13 - 16 Output 5 - 8 Output 9 - 12 Output 13 - 16  SAT Terrestrial  (IMD³ - 35dB) (DIN 45004B) IMD³ - 60  91dBuV 89dBuV 87dB  solation SAT / SAT / Terr / SAT-TV  ernal PSU ion from receiver ion from H bower supply V/Lo, H/Lo V/Hi, H/Hi ature	Output 1 - 4 Output 5 - 8 Output 9 - 12 Output 13 - 16 Output 5 - 8 Output 1 - 4 Output 5 - 8 Output 1 - 4 Output 5 - 8 Output 5 - 8 Output 5 - 8 Output 9 - 12 Output 13 - 16 Output 13 - 16 Output 13 - 16  SAT Terrestrial  SAT Terrestrial  (IMD³ - 35dB) (DIN 45004B) IMD³-60  SAT / SAT / Terr	Output 1 - 4 Output 5 - 8 Output 9 - 12 Output 9 - 12 Output 13 - 16 Output 13 - 16 Output 13 - 16 Output 13 - 16 Output 5 - 8 Output 13 - 16 Output 15 - 8 Output 15 - 8 Output 17 - 24 Output 19 - 12 Output 9 - 12 Output 9 - 12 Output 13 - 16 Output 19 - 16 Output 17 - 24 Output 13 - 16 Output 17 - 24 Out	Output 1 - 4 Output 5 - 8 Output 9 - 12 Output 13 - 16 Output 13 - 16 Output 13 - 16 Output 1 - 4 Output 13 - 16 Output 1 - 4 Output 1 - 4 Output 1 - 4 Output 5 - 8 Output 1 - 7 Output 1 - 8 Output 2 - 32   SAT Terrestrial  O - 12dB in 4dB steps Output 25 - 32   SOURTING  OUTPUT 1 - 8 Output 1 - 8 Output 1 - 8 Output 25 - 32   SOURTING  OUTPUT 1 - 8 Output 1 - 8 Output 1 - 8 Output 1 - 8 Output 2 - 30  Output 1 - 8 Output 2 - 32   SOURTING  OUTPUT 1 - 8 Output 2 - 32   SOURTING  OUTPUT 1 - 8 Output 2 - 32   SOURTING  OUTPUT 1 - 8 Output 2 - 32   SOURTING  OUTPUT 1 - 8 Output 2 - 32   SOURTING  OUTPUT 1 - 8 Output 2 - 32   SOURTING  OUTPUT 1 - 8 Output 2 - 32   SOURTING  OUTPUT 1 - 8 Output 2 - 32  OUTPUT 1 - 8 Output 2 - 32   SOURTING  OUTPUT 1 - 8 Output 2 - 32  OUTPUT 1 - 8 Output 3 - 4 to -1dB Output 4 - 4 to -3dB Output 4 - 4 to -3dB Output 4 - 4 to -3dB Output 1 - 8 Output 1 - 8 Output 9 - 16 Output 9 - 16 Output 9 - 16 Output 1 - 8 Output 9 - 16 Output 9 - 1

