

Datasheet

Large V5 Mains Powered Radial Multiswitches

V5-524MP 5-Input, 24-output multiswitch

V5-532MP 5-Input, 32-output multiswitch



- Designed for stand-alone radial or "Tree & Branch" tapped systems
- Can be used to power line powered systems via H cables at up to 700mA
- Active satellite and terrestrial with "stepped" gain for better signal equalisation
- Terrestrial signal always active with switchable 12V/100mA power for masthead pre-amplifier
- Level control on terrestrial input
- High output for longer subscriber lines
- Reliable switch-mode-power supply with LED power indicator

Model		V5-524MP	V5-532MP
Number of Inputs		4 x SAT + 1 x Terrestrial	4 x SAT + 1 x Terrestrial
Number of Outputs		24	32
Frequency Range	SAT	950 – 2400MHz	950 – 2400MHz
	Terr	47– 862MHz	47– 862MHz
Gain SAT Fixed Slope Pre-emphasis	Output 1 – 8	+1 to +2dB	+1 to +2dB
	Output 9 – 16	-1dB	-1dB
	Output 17 – 24	-3 to -4dB	-3 to -4dB
	Output 25 - 36	-	-5 to -7dB
Gain Terrestrial	Output 1 – 8	-7 to -10dB	-7 to -10dB
	Output 9 – 16	-8 to -12dB	-8 to -12dB
	Output 17 – 24	-9 to -14dB	-9 to -14dB
	Output 25 - 32	-	-10 to -16dB
Gain Control	Terrestrial	20dB adjustable	20dB adjustable
Output Level SAT (IMD3 – 35dB)		93dB μ V	93dB μ V
Output Level Terr. (DIN45004B)	Output 1 – 8	91dB μ V	91dB μ V
	Output 9 – 16	88dB μ V	88dB μ V
	Output 17 – 24	86dB μ V	86dB μ V
	Output 25 - 36	-	83dB μ V
SAT / SAT Isolation Input / Output		>30dB / >30dB	>30dB / >30dB
Terrestrial Output Isolation		>30dB	>30dB
Rejection SAT/Terrestrial		≥40dB	≥40dB
DC Supply to RF inputs (total)		18V / 0.7A max	18V / 0.7A max
DC Supply to RF inputs 14V + 12V		14V / 0.5A max	14V / 0.5A max
Current consumption from receiver		<160mA	<160mA
Power consumption		240V 50Hz/2.5W	240V 50Hz/2.5W
Control Signals	V/Lo, H/Lo	11.5V – 14.5V/0kHz, 16.5 – 19V/0kHz	11.5V – 14.5V/0kHz, 16.5 – 19V/0kHz
	V/Hi, H/Hi	11.5V – 14.5V/22kHz, 16.5 – 19V/22kHz	11.5V – 14.5V/22kHz, 16.5 – 19V/22kHz
Dimension mm		310 x 128 x 53	310 x 128 x 53
Weight		1.0kg	1.2kg

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.