

## Datasheet

### V9 Radial 9-wire Multiswitches

V9-908MPA 9-input 8-output multiswitch

V9-912MPA 9-input 12-output multiswitch

V9-916MPA 9-input 16-output multiswitch

- Designed for stand-alone radial or "Tree & Branch" tapped systems
- Can be used to power line power systems via H cables at up to 800mA
- Active satellite and terrestrial minimizes need for additional amplifiers
- Terrestrial signal always active
- Switchable 12V/100mA power for masthead amplifier
- Level controls for satellite and terrestrial inputs
- High output for long subscriber lines with stepped gain for signal equalization
- Switch-mode-power supply with LED power indicator



Model	V9-908MPA		V9-912MPA		V9-916MPA		
Number of output	8		12		16		
Frequency range	SAT IF		950-2400 MHz				
	Terr. TV		47-862 MHz				
Gain, typical (Fixed slope pre-correction)	SAT A Adjustable 10dB	Outputs 1-4	7 to 12dB				
		Outputs 5-8	6 to 10dB				
		Outputs 9-12	-	5 to 8dB			
		Outputs 13-16	-			4 to 6dB	
	SAT B	Outputs 1-4	7 to 12dB				
		Outputs 5-8	6 to 10dB				
		Outputs 9-12	-	5 to 8dB			
		Outputs 13-16	-			4 to 6dB	
	Terr. TV Adjustable 20dB	Outputs 1-4	3 to 7dB				
		Outputs 5-8	2 to 5dB				
		Outputs 9-12	-	1 to 3dB			
		Outputs 13-16	-			0 to 1dB	
Output level for SAT IF (IMD3=35dB)				93 dBµV			
Output level for Terr.TV (DIN45004B)	Outputs 1-4	91 dBµV	91 dBµV	91 dBµV	91 dBµV		
	Outputs 5-8	88 dBµV	88 dBµV	88 dBµV	88 dBµV		
	Outputs 9-12		86 dBµV	86 dBµV	86 dBµV		
	Outputs 13-16			83 dBµV	83 dBµV		
SAT inputs decoupling				>25 dB			
Outputs decoupling				>25 dB			
Rejection	Terr. TV/SAT				≥24 dB		
	SAT/Terr.TV				≥45 dB		
Supply voltage through RF inputs		H/Lo, H/Hi – 18V; V/Lo, V/Hi – 14V; Terr. TV – 12V					
DC supply current	Total				< 1 A		
	+14V & +12V				<0.5 A		
Through RF inputs				+12V <0.1 A			
Current consumption from receiver				<60 mA			
Control signals		14/18 V, 0/22KHz. Tone burst or DiSEqC 2.0					
Power consumption		230V±10% / 50 Hz / 4W (30W with maximum external load)					
Operating temperature		-20° to +50°C					
Dimensions		244.5x128x53mm	284.5x128x53mm	324.5x128x53mm			
Weight (packed)		0.9kg	1.0kg	1.1kg			

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.11/02/2009