



## AGILE FREQUENCY MODULATOR

### TECHNICAL DATA

Model	DVM-BI	DVM-US	DVM-III/OS	DVM-UHF
Ref.				
Output ch	K2--K4	S3--S10	K5--S20	K21--K60
Frequency (MHz)	47-68	118-174	174-300	470-790
Video input impedance	Ohm	75		
Video frequency range	MHz	20Hz-5MHz		
Return loss (video input)	dB	>20		
Video input level	Vpp	1 (0.7-1.4)		
Modulation depth	%	88		
Modulator mode	AM vestigial sideband modulation, negative ref.CCIR standard B/G			
Differential gain	%	<3		
Differential phase	%	<2		
Screening factor	dB	>75		
Vision & sound carrier spacing	MHz	4.5or5.5or6.5		
Audio impedance	Ohm	100k		
Audio frequency	kHz	40Hz-15KHz		
Distortion(fm=1kHz;vi=0.7v)	%	<1		
Audio input level	dBm	-8--+10		
RF output impedance	Ohm	75		
RF return loss	dB	>15		
RF output level	dB	80		
Operating voltage	Vdc	15		
Power consumption		15Vx80mA		
Operating temperature	°C	-10...+55		
Outside dimension(wxdxh)	mm	150x105x30		
Packed weight	kg	0.3		

☞ Input and output: IEC socket connectors

