

Mid level headends

K Series

Vestigial sideband modulators

KM
KMS
KMM

Audio video vestigial sideband modulators.

Three versions for each model are available: PAL B/G mono, PAL B/G stereo and multistandard mono.

- High output C/N
- Audio and video input adjustment using a trimmer



Dimensions
40x200x155mm

Item Code			KM 270630	KMS 270631	KMM 270632
Input	No.		3 x RCA (cinch)		
Output	No.		2 F connectors (output + mix input)		
Video input	Impedance	Ohm	75		
	Input level	Vpp	0.7 – 1.2		
Audio Input	Impedance	KOhm	10		
	Input level	Vrms	0.25 – 0.75		
Standard			PAL B/G mono	PAL B/G stereo	Multistandard N, H, D, K, I, L
Audio carrier frequency	B/G mono	MHz	5.5	-	-
	B/G stereo		-	-	-
	Left carrier	MHz	-	5.5	-
	Right carrier	MHz	-	5.74	-
	L, D/H	MHz	-	-	6.5
	I	MHz	-	-	6
	N	MHz	-	-	4.5
Video/audio power carrier ratio	N	dB	-	-	10
	H	dB	-	-	14
	I	dB	-	-	14
	D/K	dB	-	-	13
	L	dB	-	-	8
	B/G mono	dB	14	-	-
	B/G stereo	dB	-	14 (left c.) 21 (right c.)	-
Modulation with audio input 1kHz, 0.5Vrms	B/G	KHz	49		-
	N (FM)	KHz	-	-	<42
	H	KHz	-	-	44
	I, D/K (FM)	KHz	-	-	>47
	L (AM)	KHz	-	-	80%
Modulation depth for 1Vpp video input	D/K, I, B/G		80% typ.		
	L		-	-	90-97%
Output frequency (channels)	MHz		47-862 (E5-E69)		
Output channel programming			By frequency (steps of 250KHz) or by channel		
Channel standard			B/G Europe, L France, B Australia		PAL I, B/G Europe, L France, B Australia, NTSC M
Max. output level	dB μ V		90		
Output level adjustment	dB		0 – 15 by means of TPE		
Insertion loss	dB		<1.5		
C/N on channel	dB		>57		
Spurious rejection	dB		57		
General features	Mains voltage	VDC	12		
	Consumption	mA	400	500	400
	Power consumption	W	4.8	6	4.8
	Operating temperature	°C	-10 to +55		
	Compliant		EN 50083-2		