



EKSELANS BY ITS



## MULTI-INPUT MODULATOR MODULES QUAD / OCTO TO DVB-T / DVB-C CM 4AV-TC / CM 4HD-TC / CM 8HD-TC

- 4/8 independent inputs
- Adjustment of coding parameters
- Flexible service remultiplexing on each output MUX
- SID remapping
- LCN / LCN HD Insertion
- High output level
- COFDM / QAM programmable output
- Excellent quality output signal. High MER
- Programming via Software PC "CM Management"
- Configuration cloning and reports
- Remote control integrated in the FA 524 source using CM KEY



CM 4AV-TC



CM 4HD-TC



CM 8HD-TC

Reference		CM 4AV-TC	CM 4HD-TC	CM 8HD-TC
Code		082003	082004	082035
Input				
Number of inputs		4 (A1, B1, A2, B2)	4 (A, B, C, D)	8 (A1, B1, C1, D1, A2, B2, C2, D2)
A/V				
Video		CVBS	-	-
Input level	Vpp	0,7 - 1,4	-	-
Impedance	$\Omega$	75	-	-
Video compression		MPEG2	-	-
Video bitrate	Mbps	4 - 12	-	-
Audio compression		MPEG1 Layer 2	-	-
Audio bitrate	Kbps	128 - 384	-	-
HDMI				
Video / Bitrate	- / Mbps	-	H.264 / 5 - 15	
Audio / Bitrate	- / Kbps	-	AAC-LC, MPEG1-L2 / 128 - 384	
Maximum resolution		-	1080p	
Output				
Number of outputs			1	
Attenuation mix port	dB		<1,5	
Output frequencies	MHz		170 - 862	
Maximum output level	dB $\mu$ V		95	
Output regulation	dB		20	
DVB-T Modulation				
Number of channels		1	2	4
Output frequency	MHz	170 - 862		
Constellation - Mode		QPSK, 16QAM, 64QAM - 2K		
FEC		1/2, 2/3, 3/4, 5/6, 7/8		
Guard Interval		1/4, 1/8, 1/16, 1/32		
MER	dB	>35		
DVB-C Modulation				
Number of channels		2	2	4
Output frequency	MHz	50 - 862		
Constellation		16, 32, 64, 128, 256QAM		
Symbol rate	Mbps	4 ... 6,96		
MER	dB	>40		
GENERAL				
Local Programming		Cable USB / RJ45 (LAN)		
Remote programming		RJ45 (Ethernet) (CM Key)		
Feeding	Vdc	5		
Consumption	mA	2060	3000	5400
Operating temperature	$^{\circ}$ C	0 - 40		