

Triax TCM 08 - modulator headend

TCM-08 8 modulator unit

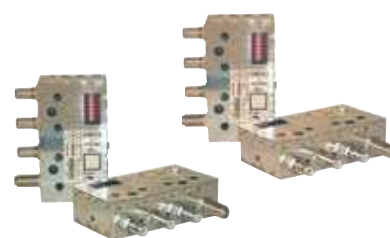
The modular design makes it easy to adapt the system to the required number of programmes.



TCM 08

Technical data - TCM 08 modulator cabinets

TYPE		TCM-08 basic unit 300110	TCM-08A basic unit 300111
Part No.			
Output frequency range	MHz	47 - 862	47 - 862
Attenuation	dB		10
Output level max (IMD @ 60 dB)	dB μ V	80 (8 ch.)	105 (8 ch.)
Return loss, output	dB	>14 @ 47 MHz/min. 10	>14 @ 47 MHz/min. 10
Output impedance	Ohm	75	75
Input voltage	V-ac	190 - 260	190 - 260
Power consumption (8 modulator)	W	17	20
RF output, OUT		1 x F-type	1 x F-type
Temperatur, operation	°C	0..+50	0..+50
Weight	kg	4.4	4.6
Dimensions (H x D x W)	mm	180 x 440 x 130	180 x 440 x 130



Modules for TCM 08

Technical data - CM 02 modulator modules for TCM 08

TYPE		CM 02V VHF mod. 490898	CM 02U UHF mod. 490899	Nicam encoder 490884
Part No.				
TV system		(B-D-I-L)+(AU/NZ)	(G-K-I-L)+(AU/NZ)	BG
Output frequency range	MHz	175-342	470 - 862	
Picture carrier stability	kHz	< +/-70	< +/-70	
Spurious ref. picture carrier	dB	> - 60	> - 60	
Output level max	dB μ V	95 +/- 2,5	95 +/- 2.5	
Output impedance	Ohm	75	75	
Return loss	dB	> 10	> 10	
Differentiel gain	%	< 8	< 8	
Differentiel phase	Deg.	< 8	< 8	
Crominance/luminance delay	nS	< 80	< 80	
Luminance non-linearity	%	< 8	< 8	
Video S/N ratio	dB	> 55	> 52	
Sound sub carrier	MHz	5.5 / 6.0 / 6.5	5.5 / 6.0 / 6.5	
Sound sub carrier stability	kHz	< +/-5	< +/-5	
Audio distortion, 1 KHz	%	< 1	< 1	
Audio S/N ratio	dB	> 55	> 55	
Video: - Input level	Vpp	0.8-1.3	0.8-1.3	
- Input impedance	Ohm	75	75	
Audio: - Input level	Vrms	0.5-1.0	0.5-1.0	0.2
- Input impedance	kOhm	10	10	> 10
Power supply - Voltage	DC - mA	12/117	12/110	12/135
Power consumption	W	1.4	1.5	
Connectors - RF output, OUT		1 x F	1 x F	
- Audio/Video input		3 x RCA	3 x RCA	4 x RCA
- Power supply		-via RF utgång	-via RF utgång	1 x F
Temperature, operation	°C	0..+50	0..+50	0..+50
Weight	kg	0.1	0.1	0.1
Dimensions L x B x H	mm	96 x 25 x 67	96 x 25 x 67	96 x 25 x 67

Video/audio cable for Nicam
Modulator cable with scart and 3 phono connector - 100 cm
Part No. 300738



Video/audio cable
Modulator cable with scart and 3 phono connectors - 150 cm
Part No. 300743



Spare RF connection cable
Length 20 cm Part No. 452090
Length 35 cm Part No. 452091



- other types of connection cables, please look on page **111** in this catalogue