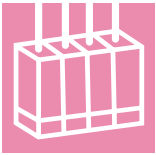




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# Product Information

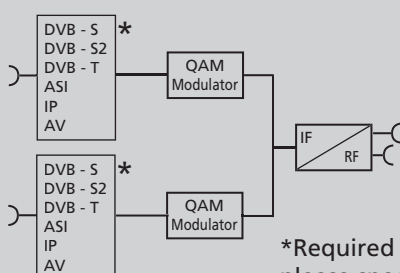
## OV 75 M Dual channel transmodulator



### WISI TOPLINE HEADEND

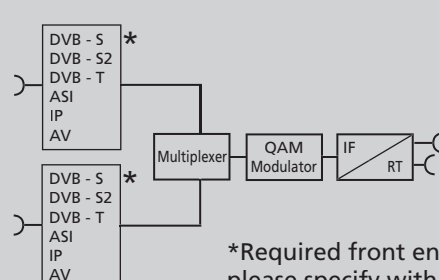
- Reception of two DVB signals and transmodulation to one or two digital QAM-TV-channels
- Integrated stuffing unit
- Integrated remultiplexer (only with 1 output channel in a later revision)
- Integrated transportstream (SI) handling
- Output frequency range 45 – 862 MHz
- Output configuration loop/single switchable
- Easy menu with 4 buttons
- Alphanumeric LC-Display
- Integrated connector for remote management (OV51A / OV52).

OV 75 xx



\*Required front end:  
please specify with your order

OV 75 xx



\*Required front end:  
please specify with your order

# OV 75 M Dual channel transmodulator

## Specifications

**Input** See corresponding modul data sheet

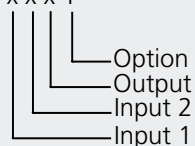
<b>Output</b>			
Output impedance		75 Ohm	
Output frequency (channel A)		45 – 862 MHz	
Output frequency steps (channel A)		500 kHz	
Output frequency spacing (between channel A and B)		4 – 8 MHz (1 MHz steps)	
Output channel bandwidth (depends on QAM symbolrate)		8 MHz	
Output level	loop	(16-128 QAM)	64 – 74 dBµV
		(256 QAM)	70 – 80 dBµV
	single	(16-128 QAM)	74 – 84 dBµV
		(256 QAM)	80 – 90 dBµV
Output level steps		1 dB steps	10 dB
Return loss		≥ 14 dB	
Modulation		16-, 32-, 64-, 128-, 256-QAM	
Symbol rate		1,0 – 7,499 Ms/s	
MER @ 256 QAM		typ. 42 dB	
Filtering		Nyquist $\sqrt{\cos}$	
Roll-off		15 %	
FEC outer code		RS (204,188,16)	
Spectral inversion		normal/inverted	
Interleaving		Conv., l=12	
<b>Spurious emissions</b>			
inside TV-channels		> 50 dB	
outside a TV-channel		> 50 dB	

## General

Housing	Zinc die-cast
Size	260 x 200 x 30 mm
<b>Connectors</b>	
RF-in- output	F-connector
Operating temperatur range	- 20°C to + 55°C

## Ordering Information

OV 75 M x x x 1



## Output

- 1 - Remux QAM
- 2 - Dual QAM (*with* transportstream handling)
- 3 - Dual QAM (*without* transportstream handling)

## Example

- OV 75 M 11 21 = 2 x DVB-S Dual-QAM
- OV 75 M 44 11 = 2 x DVB-T Remux-QAM
- OV 75 M 47 11 = DVB-T / ASI Remux-QAM

## Input 1-2

- 0 - n.u.
- 1 - DVB-S
- 2 - n.u.
- 3 - DVB-S2
- 4 - DVB-T
- 5 - DVB-C
- 6 - AV-MPEG2-Encoder
- 7 - ASI - Input/Output
- 8 - ASI - Dual input
- 9 - Ethernet - Input
- Unapplicable:
- 2 x DVB-S2



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