



TDH FM module



TDH digital QPSK - FM module

TDH QPSK-FM module includes a receiver, demodulator, high quality FM stereo modulator, and the built-in amplifier secures the right level for directly supplying the SMATV network with high-quality FM programs.

- QPSK to FM stereo
- Available for FTA reception or with CI option
- Built-in LNB supply
- Master/slave system option for easy installation
- Parameter setting via TDH controller or remote
- High output level
- Can be mixed with other modules in the TDH range

Technical data TDH - QPSK/FM module

TYPE	DVB-S/FM master TDH 737 FM		DVB-S/FM master TDH 738 FM		FM modulator TDH 736	DVB slave mod. TDH 739 FM
	Free to air		with CI			
Part No.	490737		490738		490736	490739
Modulator type	QPSK - FM stereo		QPSK - FM stereo		FM stereo	FM stereo
Band	FM		FM		FM	FM
Input frequency range	kHz MHz	920 - 2150		920 - 2150		20 - 20.000
Input level	dB μ V	45...84		45...84		-
Modulation		FM		FM		FM
Output level max	dB μ V	92		92		92
Output level attenuator	dB			10		
Input	Sat	F-female		F-female		
Loophthrough	Sat	Yes/F-female		Yes/F-female		-
Output frequency range	MHz	87.5 - 108.0		87.5 - 108.0		87.5 - 108.0
Spurious signals ref pict. carrier C/N	dB	> -60		> -60		> -60
Audio S/N ratio	dB	60		60		60
Audio distortion, 1 kHz	%	<1		<1		<1
Audio input level	V/RMS			0.5 V/RMS		
Audio input/output				15 pol SUB-D		
Return loss (MOD OUT)	dB	>10		>10		>10
Output impedance	Ohm	75		75		75
Temperature, operation	°C	-10...+50		-10...+50		-10...+50
Weight - standard module	kg	0.45		0.45		0.45
Dimensions (H x D x W)	mm	150 x 230 x 50		150 x 230 x 50		150 x 230 x 50
Remarks						
Video/audio cable	15 cm	Part No. 300748		Part No. 300748		
[Phone - Sub-D]	150 cm	Part No. 300745		Part No. 300745		