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Product Information

OM 75 DVB-S receiver and transmodulator to dual QAM-TV-channel



Handset OK41A
(Accessory)



OM 01

WISI MINI HEADEND

- Reception of 2 DVB-S signals and transmodulation to dual QAM-TV channel
- SAT-IF range 950-2150 MHz
- All settings via handset OK 41A

OM 75 DVB-S receiver

Specifications

SAT

Input Impedance	75 Ω	
Input frequency range	1 MHz steps	950 - 2150 MHz
Input level	47 - 70 dB μ V	
AFC	+/- 10 MHz	
Modulation form	QPSK	
Symbol rate	2-45 MS/s	
Filtering	Nyquist $\sqrt{\cos}$	
Roll off	20%, 25%, 30%	
FEC outer code	RS (204, 188,8)	
FEC inner code	Conv. (1/2, 2/3, 3/4, 5/6, 7/8)	
Data format	EN 302307	
Spectral inversion	C-/KU band	

Output

Output Impedance	75 Ω	
Output frequency	1 MHz steps	108* – 862 MHz
Output channel bandwidth	2x 8 MHz	
Output level	1 dB steps	90-100 dB μ V
Return loss	≥ 14 dB	
Modulation	16, 32, 64, 128,256 QAM	
Symbolrate	3,45-6,9 MS/s	
Filtering	Nyquist $\sqrt{\cos}$	
Roll off	15%	
FEC outer code	RS (204, 188,16)	
Interleaving	normal/inverted	
Spurious emissions	inside / outside TV channels	> 50 dB

General

General data

Connectors

RF output	F
Transport stream	LIF connector for flexible foil cable
Power supply	PCB connector
LNB	14/18 V DC

* OM 01 only 470-862 MHz



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