

Technical characteristics transmodulation headend SIRIUS

	S1814	S1818
Code	2001814	2001818
Description	Transmodulator with 8 x DVB-S/S2 tuner & 4 MUX DVB-T output.	Transmodulator with 8 x DVB-S/S2 tuner & 8 MUX DVB-T output
Inputs/Outputs	8/4	8/8
Input RF		
Number of connectors input RF	1	1
Frequency range	950-2150 MHz	
Level/Impedance	55-95 dBμV / 75 Ω	
Input return loss	≥ 10 dB	
Loop through frequency range / Loss	950-2150 MHz / ≤ 1.5 dB	
LNB Power /Control	0/13/18V tone 22 KHz, 500 mA maximum. DiseqC 1.0, EN50494, EN50607	
Standard	DVB-S/S2/S2X*	
Modulation	QPSK, 8PSK, APSK 8/16/32	
Symbol rate	2 – 45 Ms/s	
Output RF		
Standard	DVB-T	
Modulation	QPSK, QAM16, QAM64	
Frequency range	170-230MHz, 470-862 MHz	
Channel allocation, adjac	4	4+4
Level/Impedance	90 ± 2 dBμV / 75 Ω	
TS bit rate	< 31 Mbit/s	
MER	≥ 35 dB	
Channel bandwidth	7 MHz, 8 MHz	
Transmission mode	2K	
Guard interval	1/4, 1/8, 1/16, 1/32	
Code rate	1/2, 2/3, 3/4, 5/6, 7/8	
Return Loss	≥ 10 dB	
Total output level adjustment range	0 - -15 dB steps 1 dB	
MIX frequency range / Loss	45-862 MHz / ≤ 2.5 dB	
General		
Management port	Standard IEEE802.3 10/100 Base T	
Supply voltage	12 V ± 1V	
Current consumption without external load	1.0 A	1.2 A
Current consumption with maximum external load	2.0 A	2.2 A
Operating temperature range	0° C – 35° C	
Dimensions / Weight (with packaging)	63x198x112 mm / 1.26 Kg	
Code EAN	8436545307243	8436545307250

* Supports physical layer scrambling (PLS) and multiple input streams (MIS)



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