

Satellite Receiver RF input - DVB-S/S2

Parameter	Specification	Note
Impedance	75 Ω	
Frequency Range	950 ... 2150 MHz	
AFC Range	8 MHz	
Constellation	QPSK, 8PSK	16APSK 1)
FEC modes (autodetected)	All ratios compliant with ETS302307	
Signal levels	-70 ... -25 dBm	
Symbol rate	1,5...47 MS/s	
Max components per service	32 1,5...31,5 MS/s 1,5...47 MS/s	QPSK 8PSK 16APSK 1)
Transport Stream Bitrates per RF input	90 Mb/s 72 Mb/s	descrambling not used descrambling in use
Standard	ETS300421, ETS302307	

DVB Common Scrambling Algorithm Content Protection

Parameter	Specification	Note
Max service to be scrambled per module	120	

IP Streaming

Parameter	Specification	Note
Packet format	1...7	DVB transport packets in UDP/IP, RTP/UDP/IP
Traffic type	Unicast or multicast	
Max. IP streamer per module	120	
Max. streaming capacity per module	394 Mb/s 490 Mb/s	DVB scrambling AES scrambling
Traffic shaping	Max peak traffic limiter	

LNB Power		
Parameter	Specification	Note
Adjustable voltage	13/18 v	
22 kHz tone	on/off	
Max output current per connector	500 mA	Total LNB power must be less than main PSU capacity minus installed module power consumption

General		
Parameter	Specification	Note
Supply voltages	24 V	
Power consumption	7 W	LRS-D
Connectors, RF	F	
Dimensions (h x w x d)	20 mm x 109 mm x 253 mm	Dimensions excluding connectors and locking screws
Weight	0,3 kg	
Enclosure classification	IP21	
Operating temperature	-10...+55 °C	
Storage temperature	-30...+70 °C	
Specification is met	0...+45 °C	