Technical specifications

Ref. 596161

Screen		Touch, Color TFT								
Screen size	in	8								
Battery power	Vdc	7.2								
Battery capacity	mAh	9000								
Battery range	h	4								
Operating temperature	°F	23 ... 113								
PSU input voltage	Vac	100 ... 240								
Mains frequency		50 Hz / 60 Hz								
PSU output voltage	Vdc	12								
Max PSU output current	A	4								
RF connectors		"F" female								
Optical connectors		FC/APC								
USB port		USB 2.0								
Display port		HDMI®								
Audio port		Jack								
GPS antenna		No								
CAM		Yes								
Storage capacity	GB	32								
Frequency range	MHz	5 ... 3300								
Measurements resolution	kHz	1								
Ethernet		Yes								
Span		100 KHz ... 3,3 GHz (any value)								
Scale (dB/div)		10 / 5								
Reference level		Automatic / Manual								
RBW		500 Hz / 1 KHz / 3 KHz / 5 KHz / 10 KHz / 30 KHz / 50 KHz / 100 KHz / 300 KHz / 500 KHz / 1 MHz / 3 MHz / 5 MHz								
Number of markers		6								
Delta function		Yes								
Event trigger		Yes								
Waterfall		Yes								
Traces		Maximum / Minimum								
Standards		DVB-T	DVB-T2	DVB-C	ISDB-T/Tb	DVB-S	DVB-S2	DVB-S2X	FM	Analog Measures
Modulation format		16QAM / 64QAM / COFDM / QPSK	16QAM / 256QAM / 64QAM / COFDM / QPSK	16QAM / 256QAM / 32QAM / 4QAM / 64QAM	16QAM / 64QAM / DQPSK / QPSK	QPSK	16APSK / 32APSK / 8APSK / 8PSK / QPSK	16APSK / 32APSK / 8APSK / 8PSK / QPSK	--	--
Digital channel format (ITU-T J.83)		--	--	Annex A / Annex B / Annex C	--	--	--	--	--	--
Signal level	dBmV	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68	-40 ... 68
C/N	dB	< 52	< 52	< 52	< 50	< 30	< 30	< 30	< 52	< 30
V/A	dB	--	--	--	--	--	--	--	--	< 52
MER	dB	< 40	< 40	< 40	< 40	< 20	< 20	< 20	--	--
Pre-BER		--	--	1.0E-2 – 1.0E-8	1.0E-2 – 1.0E-6	--	--	--	--	--
Post-BER		--	--	1.0E-2 – 1.0E-9	1.0E-2 – 1.0E-8	--	--	--	--	--
BER		--	--	1.0E-2 – 1.0E-8	--	--	--	--	--	--
CBER		1.0E-2 – 1.0E-6	--	--	--	1.0E-2 – 1.0E-6	--	--	--	--
VBER		1.0E-2 – 1.0E-8	--	--	--	1.0E-2 – 1.0E-8	--	--	--	--
LDPCBER		--	1.0E-2 – 1.0E-6	--	--	--	1.0E-2 – 1.0E-6	1.0E-2 – 1.0E-6	--	--
BCHBER		--	1.0E-2 – 1.0E-8	--	--	--	1.0E-2 – 1.0E-8	1.0E-2 – 1.0E-8	--	--
Link margin	dB	--	< 30	--	--	--	< 10	< 10	--	--
Echoes		Yes	Yes	--	Yes	--	--	--	--	--
Constellation		Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--
MER per carrier		Yes	Yes	--	--	--	--	--	--	--
Multiple PLP		--	Yes	--	--	--	--	--	--	--
Multi TS		--	--	--	--	--	Yes	Yes	--	--
PLS scrambling		--	--	--	--	--	--	Yes	--	--
RDS		--	--	--	--	--	--	--	Yes	--
Error packets		Yes								
TILT		Yes								
Attenuation		Yes								
Type of FO		No selective OF								
IPTV analyzator		Yes								
Voltmeter		No								
IP speed test		Yes								
Full HD display (MPEG2/MPEG4)		Yes								
4K display		Yes								
MPEG info		Yes								
Powering per preamps	Vdc	5 ... 24								
Max. current preamps	mA	< 900								
Powering LNB	Vdc	5 ... 24								
Max current for LNB	mA	< 900								
LNB tone (22KHz)		Yes								
DiSEqC-commands		Yes								
dCSS standard		EN50494 / EN50607								