	REVISED	DR	APP
	CHH		



Sat-Messgerät smartmeter ES1
Satellite Measurement Meter ES1

Support DVB-S, DVB-S2; Spectrum Function; 0/22KHz,DISEqC1.0,USALS
Support Unicable LNB; High Power LED; BUZZER

Properties	**Value**	
Input Signal	Frequency Range	950-2150MHz
	Signal Level	-65 ~ -25dBm
	Impedance	75Ohm
Signal Processing	Symbol Rate	1Msps~60Msps
	Demodulation	DVB-S: QPSK
		DVB-S2: 8PSK, 16APSK, 32APSK
	22KHz Tone	Supported
	DiSEqC1.0	Supported
	USALS	Supported
Power Supply	Switching Power Input	AC110-240V 50Hz/60Hz
	Switching Power Output	12V DC 2000mA
Others	Connector	F-Type
	USB Port	Supported
	Operation temperature	-10°C~+50°C

RoHS compliant

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DESCRIPTION		**smartmeter ES1**					
SIZE	A4	DATE	02.06.2017	CHECKED	CHH	TOL	**TAT2**
UNIT	MM	DRAWN	CHH	APPROVED	CHH		
SCALE	NTS	Part No	25.0002	EAN Code	4056742001825		

Handliches digitales Messgerät zum einfachen und schnellen Einrichten und Prüfen einer DVB-S2 Anlage.

- DVB-S2 HD Messung
- LCD-Bildschirm
- Spectrum Analyzer
- Messung von MER, BER, C/N und dBµV
- Anzeige des Signals als numerische und Balkendarstellung (Bargraph) möglich
- Optisches und akustisches Signal bei Empfang
- Software-Update über USB
- Lithium-Akku
- Kompass
- Hochleistungs LED Licht

Digital meter for easy and quick testing and setting a DVB-S2 system

- DVB-S2 measurement
- LCD screen
- Spectrum Analyzer
- Constellation diagram
- Measuring of MER, BER, C/N and dBµV
- Display of signal strength nummerical and as a bargraph
- Tone alert and indicator light at signal lock
- Software update via USB
- Lithium-accu
- Compass
- High Power LED-Light