KWS | ELECTRONIC TEST EQUIPMENT GMBH

VAROS 107

CATV measuring receiver:
The innovative portable TV analyzer

KWS | GERMAN ENGINEERING

VAROS 107

The new way: Interactive networks are the networks of the future. The VAROS 107 establishes contact with the headend of the network via an integrated DOCSIS 3.0 modem and, thanks to an optional DOCSIS 3.1 modem, can also play a leading role in future tasks.

Even old and large-scale cable networks are for this device and you as a technician, who works with it, no problem. Even the documentation of errors in distribution networks is no longer a big challenge with the VAROS 107.

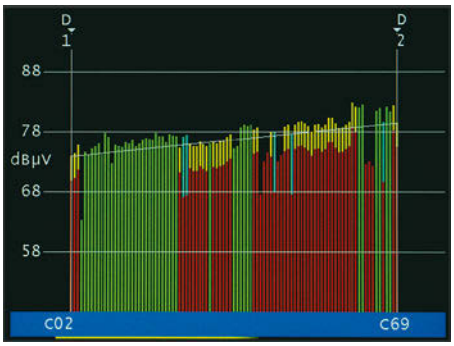
VAROS 107 Optic

Optics in the surface, copper in the building—only to cope with a modern device that works in addition to the classic RF network with optical transmission: the optics makes the difference.

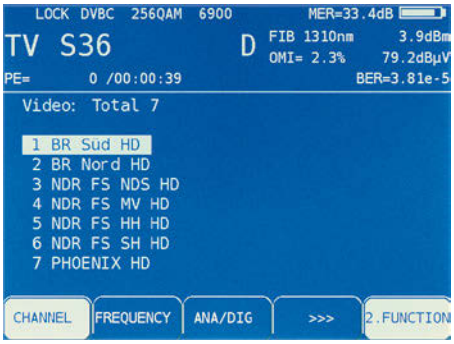
Even in so-called “stand-alone headends”, which supply larger buildings and often also offer analogue TV in their networks, the VAROS 107 Optic, one of the few devices on the market, delivers absolutely reliable measurement results.

Even with the required system documentation, this device impresses with utmost precision, regardless of whether it is an optical distribution or a classic HF network.

The technical data and device-specific downloads can be found on our homepage www.kws-electronic.com.



TILT measurement: automatic detection of the QAM order and comensation of the level reduction.



Measurement of an optical CATV signal with evaluation of all familiar RF parameters.

Dimensions in mm: 206 w × 297 h × 84 d
Weight: 2.5 kg

- High-resolution, bright 5.7" colour TFT
- Frequency range from 5–1,214 MHz
- Digital: DVB-C, DOCSIS 3.0, DVB-T, DVB-T2
- Analog: VHF, TV
- DOCSIS Analyzer (DOCSIS 3.0)
- EMI measurement (interference field strength)
- MPEG-H (HEVC)/UHD decoder with CI-Slot (SD/HD/UHD/DVB T2 image display)
- Constellation diagram for all areas
- CATV: MER up to 40 dB, S/N (analog) up to 55 dB
- Digital Analyzer for all areas with TILT measurement
- Echo measurement for DVB-T (impulse response)
- Signal quality monitoring with Datagrabber
- USB, DVI out
- Lithium ion battery pack 7.2 V/10.1 Ah

Additionally at VAROS 107 Optic

- Optical receiver with SC/APC input

Possible options

- DOCSIS Analyzer (DOCSIS 3.1 modem)

Accessories

- Protective bag with 4-point carrying strap

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