

SAT-Kabel

SAT-Kabel: Enhancement of SPM 22 Test Equipment Series

Due to its extreme miniaturisation and testing precision the test equipment SPM 22, controlled by a microprocessor, is the perfect device for fault detection and level control in single and master antenna systems, broadband communication networks and satellite reception systems. The device includes the SCAN measuring ranges, 3-channel memory, broadband, satellite, DTT and WLAN.



SPM 22 with pre-amplifier and telecommunications antenna

From software version 41.86 onwards digital levels can be automatically measured in broadband mode and the 3-channel memory is pre-programmed with D-channels and the six return channel frequencies of the return channel frequency generator RFG 6, another proven product by SAT-Kabel GmbH.

Shielding efficiency can be tested in accordance with VHF-measuring methods with the pre-amplifier VVU 25 and the telecommunications antenna.

For a quick overview all devices feature a bar display for the level in broadband communication, cable as well as in satellite mode. The spectrum enables amplifier tilt evaluation and helps to depict interfering carriers, especially in the domain of broadband communication networks' return channel.

With the 3 channel test mode it is easy to adjust the amplifier tilt. Direction finders and other equipment for various measurements can be connected to the test jack with switchable voltage. Thanks to an auto-calibration of the device occurring approximately every 20 seconds, test data recording is nearly independent from the environmental temperature.