V18-310 TV/SAT DC Power Tester

- **Simplifies DC Voltage and Current measurement in a coaxial system**
- **Measures up to 30V DC at 10A maximum**
- **Ideal for masthead amplifiers and IRS installation or any line powered application**
- **Neat compact design supplied with safety lanyard for convenience**
- **Dual colour Voltage / Current illuminated display for concise measurement**
- **Requires 9V PP3 battery for accurate measurement.**

Measuring voltage and current in line powered coaxial systems has always been cumbersome especially in-situ of a dark and inaccessible building riser. Although a conventional multimeter can easily measure the voltage it is difficult to measure the current draw when under load without providing jumper leads and terminal blocks to interconnect with the coaxial cables carrying the current.

Now Vision has solved this problem with the V18-310 TV/SAT DC Power Tester which can measure voltage and display simultaneous current reading in the dual line LED display. The V18-310 can also detect 22KHz tone when connected to the input of a satellite receiver that is send 22KHz tone for Legacy/SCR/dSCR switching commands. V18-310 TV/SAT DC Power Tester will pass RF with minimal insertion loss when testing the input of a satellite receiver or output of a masthead amplifier.

V18-310 is ideal for fault finding in IRS installations where complex remote line powering cannot easily be tested. Faulty power supplies and poor or wrong cable connections can easily cause unpredictable faults. V18-310 can easily show a faulty power supply or system overload.

Model	V18-310 TV/SAT DC Power Tester
Voltage Range	0 to 30V DC
Current Range	0 to 10A
Accuracy	±5%
RF Frequency Range	5 to 2400MHz
RF Insertion Loss	<2dB
Power Requirement	9V PP3 / 6LR61 / MN1604 (not supplied)
Dimension of housing inc connectors	150mm x 63mm x 28mm
Weight inc battery	135g
Length of Lanyard (nominal)	2 x 40cm

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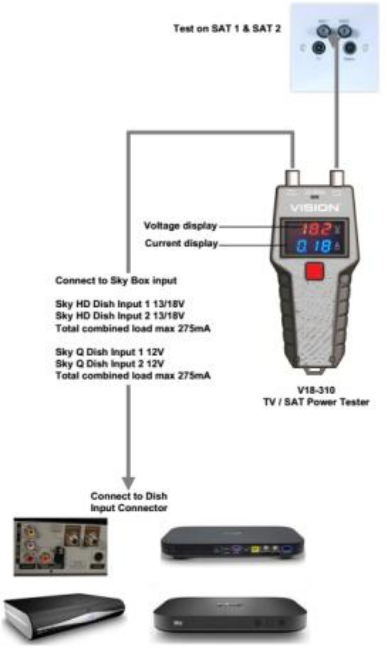
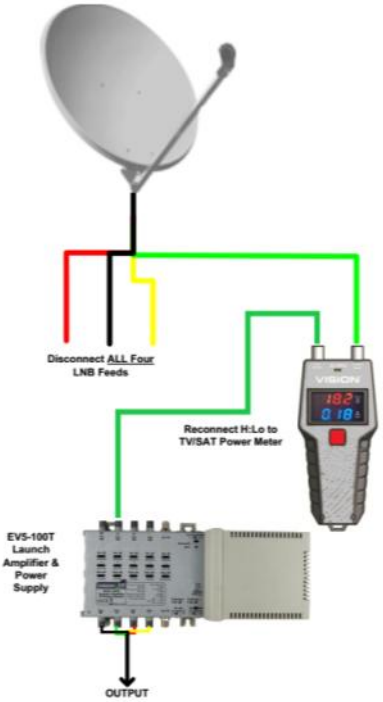
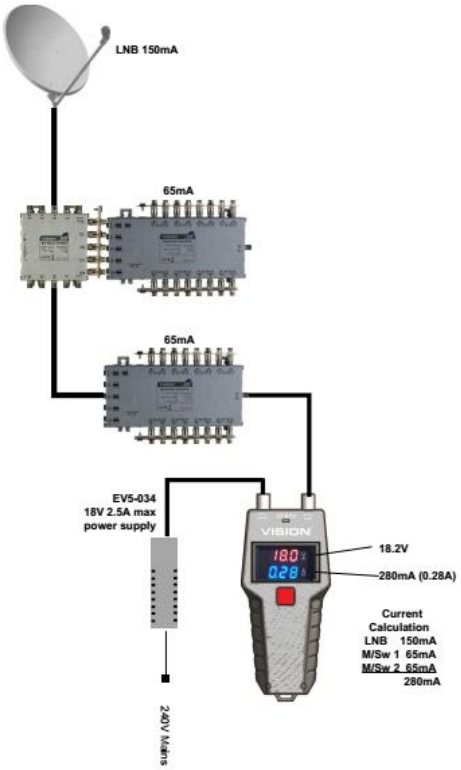
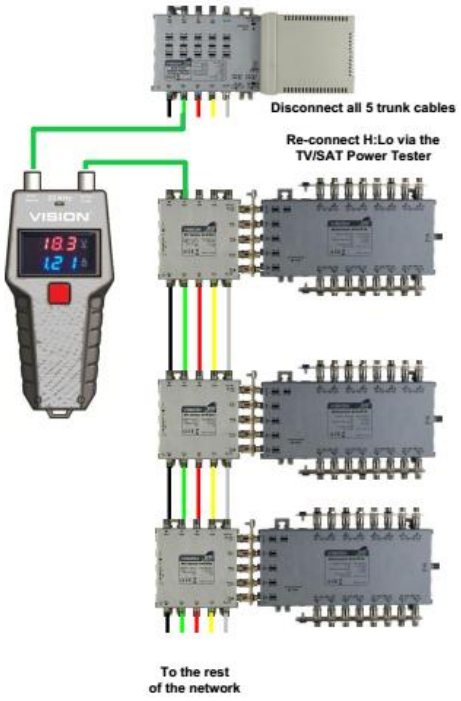
Examples of DC measurement in coaxial systems









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