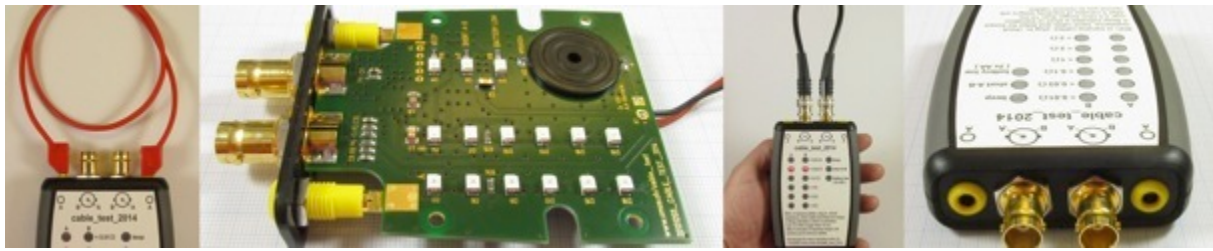


cable test 2014



Cable test is a hand-held device to reliably identify cables with loose contact, high resistance or short. Intended use in scientific laboratories.

Plug in your BNC- or banana cable into the connectors A. Read the resistance of inner conductor A and shield B. Good cables of lengths of the order of 1 m have a resistance well below 1 Ohm. Slightly bend the cable to find a loose contact: a beep indicates a short interrupt of the contact. Short indicates a short circuit.

Specifications	Range	Unit
Accuracy resistance measurement	+/- 20%	Ohm
Shortest duration of shorts or interruptions detected	10	ms
Expected battery life	several	years (self discharge)
Weight	150	g
Dimensions (l x h x w)	13 x 8 x 2.5	cm ³

Comparison: cables checked with	(a) multimeter	(b) cable test 2014
Probability of correctly detecting loose contacts	low	high
Time needed to test one BNC cable	o (20 s)	o (10 s)
Complexity of testing procedure	6 steps	2 steps
Extra costs	none	200 CHF
Threshold to start testing cables	high	low

