

DSX-5000 CableAnalyzer Specifications

Cable Types	
Shielded and unshielded pair LAN cabling	TIA Category 3, 4, 5, 5e, 6, 6A: 100 Ω ISO/IEC Class C, D, E, EA, F, and FA: 100 Ω and 120 Ω

Standard Link Interface Adapters	
Permanent link adapters	Plug type: shielded RJ45
	Optional Plug type: Tera
Channel Adapters	Jack type: shielded RJ45
	Optional Jack type: Tera

Test Standards	
TIA	Category 3, 4, 5, 5e, 6, 6A per TIA 568-C.2
ISO/IEC	Class C and D, E, Ea, F, FA certification per ISO/IEC 11801:2002 and amendments
Maximum frequency	1200 MHz

General Specifications	
Speed of Autotest	Full 2-way Autotest of Category 5e or 6/Class D or E: 9 seconds Full 2-way Autotest of Category 6A/Class EA: 10 seconds
Support test parameters (The selected test standard determines the test parameters and the frequency range of the tests)	Wire Map, Length, Propagation Delay, Delay Skew, DC Loop Resistance, Insertion Loss (Attenuation), Return Loss (RL), NEXT, Attenuation-to-crosstalk Ratio (ACR-N), ACR-F (ELFEXT), Power Sum ACR-F (ELFEXT), Power Sum NEXT, Power Sum ACR-N, Power Sum Alien Near End Xtalk (PS ANEXT), Power Sum Alien Attenuation Xtalk Ratio Far End (PS AACR-F)
Input protection	Protected against continuous telco voltages and 100 mA over-current. Occasional ISDN over-voltages will not cause damage
Display	5.7 in LCD display with a projected capacitance touchscreen
Case	High impact plastic with shock absorbing overmold
Dimensions	Main Versiv unit with DSX-5000 module and battery installed: 2.625 in x 5.25 in x 11.0 in (6.67 cm x 13.33 cm x 27.94 cm)
Weight	Main Versiv unit with DSX-5000 module and battery installed: 3 lbs, 5oz (1.28 kg)
Main unit and remote	Lithium ion battery pack, 7.2 V
Typical battery life	8 hours
Charge time*	Tester off: 4 hours to charge from 10 % capacity to 90 % capacity
Languages supported	English, French, German, Spanish, Portuguese, Italian, Japanese and Simplified Chinese
Calibration	Service center calibration period is 1 year