

100 MHz CATEGORY 5 CABLE TESTERS

COMPANY	PRODUCT	SHIP DATE	TESTS IN AUTOTEST SUITE; INDIVIDUAL TESTS PERFORMED	SPEED OF AUTOTEST; FREQUENCY STEP SIZE FOR NEXT; FREQUENCY STEP SIZE FOR ATTENUATION	DYNAMIC ACCURACY	RETURN LOSS	RESIDUAL NEXT	RANDOM NOISE FLOOR	ACCURACY MEASUREMENT +/- xdB	OUTPUT S BALANCE
<p>DATAKOM TECHNOLOGIES INC. Everett, Wash. (206) 355-0590 (800) 468-5557</p>	<p>LANcat V Category 5 Cable Tester</p>	4/95	length, attenuation, NEXT, wire map, ACR, propagation delay, impulse noise, impedance; resistance, impedance, transient noise, Ethernet traffic, propagation delay, network monitoring	40 sec.; 112.5KHz (for 900KHz-31.25MHz) and 225KHz (for 31.25MHz-100.125MHz); 900KHz	.75	15	55	65		37
<p>FLUKE CORP. Everett, Wash. (206) 347-6100 (800) 443-5853</p>	<p>Fluke DSP-100</p>	5/95	length, attenuation, NEXT, wire map, return loss (ISO/IEC setting); resistance, impedance, ambient noise, transient noise, Ethernet traffic, propagation delay, network monitoring	10 sec.; 100KHz; 100KHz	.25	20	55	70		37
<p>MICROTEST INC. Phoenix, Ariz. (602) 952-6400 (800) 526-9675</p>	<p>PentaScanner</p>	5/95	length, attenuation, NEXT, wire map; resistance, impedance, transient noise, Ethernet traffic, capacitance, network monitoring, return loss	38 sec.; 200KHz; 14 specific fixed points	.30	25	65	78		45
<p>SCOPE COMMUNICATIONS INC. Northboro, Mass. (508) 393-1236 (800) 418-7111</p>	<p>WireScope 100</p>	5/95	length, attenuation, NEXT, wire map, ACR, split pair, propagation delay, ambient noise, individual qualification of 25 network specifications, cable category rating; ambient noise, propagation delay, network monitoring	35 sec.; .15MHz; 1MHz	.50	16	57	65		37
<p>WAVETEK CORP. San Diego, Calif. (619) 279-2200 (800) 854-2708</p>	<p>LANtek Pro XL</p>	2/95	length, attenuation, NEXT, wire map, resistance, capacitance, ACR; resistance, impedance, ambient noise, propagation delay (ISO/IEC setting), return loss, hub activation	40 sec.; 150 - 250KHz; 150 250KHz	.75	15	55	65		45

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COMPANY	OVERALL NEXT: BASIC LINK	OVERALL ATTENUATION: CHANNEL	OVERALL ATTENUATION: BASIC LINK	CABLE CONNECTIONS DIRECTLY SUPPORTED; CABLE CONNECTIONS SUPPORTED VIA ADAPTER	TWO WAY NEXT	FLASH MEMORY	MINIMUM LENGTH OF TEST (IN FEET)	NUMBER OF AUTOTESTS STORED; INFORMATION AUTOTEST
<p>DATAKOM TECHNOLOGIES INC. Everett, Wash. (206) 355-0590 (800) 468-5557</p>	1.6	1.3	1.0	modular plug, modular jack, BNC; IBM Data Connector	N*	Y	5	500 and 1 tr; report; wire results, leng on all 4 pairs attenuation (case measu test limit, tes margin on ea pair), NEXT case measu test limit, tes margin, ACF of each of 6 combination:
<p>FLUKE CORP. Everett, Wash. (206) 347-6100 (800) 443-5853</p>	.90	.35	.35	RJ-45 (8-pin modular); Type N, DB-9 (for Token- Ring)	N*	Y	0	500; wire ma length (all pa propagation (all pairs), resistance (ε , impedance pairs), anom attenuation, return loss
<p>MICROTEST INC. Phoenix, Ariz. (602) 952-6400 (800) 526-9675</p>	.60	.40	.40	twisted-pair, coax; Token- Ring, Thick Ethernet, ARCnet	Y	Y	0	500; circuit l serial numbe unit, expecte results vs. ar length, wire capacitance, impedance, resistance, attenuation (ends), NEXT ends), ACR
<p>SCOPE COMMUNICATIONS INC. Northboro, Mass. (508) 393-1236 (800) 418-7111</p>	1.5	1.0	1.0	RJ-45, BNC; 66 block, 110 block	Y	Y	3	500; wire ma ACR, length attenuation, noise, propa delay and de skew, split p cable ID, NV impedance
<p>WAVETEK CORP. San Diego, Calif. (619) 279-2200 (800) 854-2708</p>	1.6	1.0	1.0	modular-8 plug (RJ-45), modular-8 jack (RJ-45), 110 block (568A wiring), 110 block (568B wiring), BNC Token-Ring; Thick Ethernet, Twinax	Y	Y	3	500; summa for line map, resistance p length per p mutual capa worst-case N for 12 combi (6 per end),

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COMPANY	PRICE; WARRANTY; FREE TECHNICAL SUPPORT
DATACOM TECHNOLOGIES INC. Everett, Wash. (206) 355-0590 (800) 468-5557	\$2,995; 12 months; unlimited with toll-free call
FLUKE CORP. Everett, Wash. (206) 347-6100 (800) 443-5853	\$3,795; 12 months; unlimited with toll-free call
MICROTTEST INC. Phoenix, Ariz. (602) 952-6400 (800) 526-9675	\$4,595 (2-way injector) \$3,495 (Super Injector); 12 months; unlimited with toll call
SCOPE COMMUNICATIONS INC. Northboro, Mass. (508) 393-1236 (800) 418-7111	\$3,995 (dual NEXT capabilities), \$3,295 (active device), WireScope (passive device); 12 months with 1-month money- back guarantee; unlimited with toll-free call
WAVETEK CORP. San Diego, Calif. (619) 279-2200 (800) 854-2708	\$4,495; 12 months; unlimited with toll-free call