

A

Fig.	Length Meters	Description	Unshielded Version (UTP)				Shielded Version (FTP)						
			Digi-Key Part No.	Price Each 10	Price Each 25	Assmann Part No.	Digi-Key Part No.	Price Each 10	Price Each 25	Assmann Part No.			
42	1.0	CAT 5e, Patch Cable, Green	AE1212-ND	2.05	1.80	1.62	A-MCUP-80010/G	—	—	—	—		
	1.0		AE9956-ND	3.96	3.48	3.12	A-MCUP-80010/G-R	AE9981-ND	5.21	4.59	4.11	A-MCSP-80010/G-R	
	2.0		—	—	—	—	—	AE1242-ND	3.99	3.51	3.15	A-MCSP-80020/G-R	
	2.0		AE9957-ND	5.61	4.93	4.42	A-MCUP-80020/G-R	AE9982-ND	6.24	5.49	4.92	A-MCSP-80020/G-R	
	3.0		AE1222-ND	3.66	3.22	2.89	A-MCUP-80030/G	—	—	—	—		
	3.0		AE9958-ND	7.43	6.53	5.85	A-MCUP-80030/G-R	AE9983-ND	7.76	6.82	6.11	A-MCSP-80030/G-R	
	5.0		AE9959-ND	10.86	9.55	8.56	A-MCUP-80050/G-R	AE9984-ND	10.76	9.46	8.48	A-MCSP-80050/G-R	
	10.0		—	—	—	—	—	AE1257-ND	12.71	11.17	10.01	A-MCSP-80100/G-R	
	10.0		AE9960-ND	19.73	17.35	15.55	A-MCUP-80100/G-R	AE9985-ND	20.59	18.10	16.23	A-MCSP-80100/G-R	
	<b>PVC Cable Assembly CAT6, RJ45 - Molded - RoHS Compliant</b>												
43	0.5	CAT6, Patch Cable, Gray	AE10219-ND	5.02	4.41	3.96	A-MCU60005-R	AE10189-ND	6.57	5.78	5.18	A-MCSP60005-R	
	1.0		AE10224-ND	6.11	5.37	4.81	A-MCU60010-R	AE10194-ND	8.02	7.05	6.32	A-MCSP60010-R	
	2.0		AE10229-ND	8.75	7.69	6.89	A-MCU60020-R	AE10199-ND	11.95	10.50	9.42	A-MCSP60020-R	
	3.0		AE10234-ND	11.58	10.18	9.13	A-MCU60030-R	AE10204-ND	15.48	13.61	12.20	A-MCSP60030-R	
	5.0		AE10239-ND	16.90	14.85	13.32	A-MCU60050-R	AE10209-ND	22.04	19.38	17.37	A-MCSP60050-R	
	10.0		AE10244-ND	25.69	23.35	21.02	A-MCU60100-R	AE10214-ND	32.75	29.78	26.80	A-MCSP60100-R	
	0.5		CAT6, Patch Cable, Red	AE10217-ND	5.02	4.41	3.96	A-MCU60005/R-R	AE10187-ND	6.57	5.78	5.18	A-MCSP60005/R-R
	1.0			AE10222-ND	6.11	5.37	4.81	A-MCU60010/R-R	AE10192-ND	8.02	7.05	6.32	A-MCSP60010/R-R
	2.0			AE10227-ND	8.75	7.69	6.89	A-MCU60020/R-R	AE10197-ND	11.95	10.50	9.42	A-MCSP60020/R-R
	3.0			AE10232-ND	11.58	10.18	9.13	A-MCU60030/R-R	AE10202-ND	15.48	13.61	12.20	A-MCSP60030/R-R
5.0	AE10237-ND	16.90		14.85	13.32	A-MCU60050/R-R	AE10207-ND	22.04	19.38	17.37	A-MCSP60050/R-R		
10.0	AE10242-ND	25.69		23.35	21.02	A-MCU60100/R-R	AE10212-ND	32.75	29.78	26.80	A-MCSP60100/R-R		
0.5	CAT6, Patch Cable, Blue	AE10215-ND		5.02	4.41	3.96	A-MCU60005/B-R	AE10185-ND	6.57	5.78	5.18	A-MCSP60005/B-R	
1.0		AE10220-ND		6.11	5.37	4.81	A-MCU60010/B-R	AE10190-ND	8.02	7.05	6.32	A-MCSP60010/B-R	
2.0		AE10225-ND		8.75	7.69	6.89	A-MCU60020/B-R	AE10195-ND	11.95	10.50	9.42	A-MCSP60020/B-R	
3.0		AE10230-ND		11.58	10.18	9.13	A-MCU60030/B-R	AE10200-ND	15.48	13.61	12.20	A-MCSP60030/B-R	
5.0		AE10235-ND	16.90	14.85	13.32	A-MCU60050/B-R	AE10205-ND	22.04	19.38	17.37	A-MCSP60050/B-R		
10.0		AE10240-ND	25.69	23.35	21.02	A-MCU60100/B-R	AE10210-ND	32.75	29.78	26.80	A-MCSP60100/B-R		
0.5		CAT6, Patch Cable, Yellow	AE10218-ND	5.02	4.41	3.96	A-MCU60005/Y-R	AE10188-ND	6.57	5.78	5.18	A-MCSP60005/Y-R	
1.0			AE10223-ND	6.11	5.37	4.81	A-MCU60010/Y-R	AE10193-ND	8.02	7.05	6.32	A-MCSP60010/Y-R	
2.0			AE10228-ND	8.75	7.69	6.89	A-MCU60020/Y-R	AE10198-ND	11.95	10.50	9.42	A-MCSP60020/Y-R	
3.0			AE10233-ND	11.58	10.18	9.13	A-MCU60030/Y-R	AE10203-ND	15.48	13.61	12.20	A-MCSP60030/Y-R	
5.0	AE10238-ND		16.90	14.85	13.32	A-MCU60050/Y-R	AE10208-ND	22.04	19.38	17.37	A-MCSP60050/Y-R		
10.0	AE10243-ND		25.69	23.35	21.02	A-MCU60100/Y-R	AE10213-ND	32.75	29.78	26.80	A-MCSP60100/Y-R		
0.5	CAT6, Patch Cable, Green		AE10216-ND	5.02	4.41	3.96	A-MCU60005/G-R	AE10186-ND	6.57	5.78	5.18	A-MCSP60005/G-R	
1.0			AE10221-ND	6.11	5.37	4.81	A-MCU60010/G-R	AE10191-ND	8.02	7.05	6.32	A-MCSP60010/G-R	
2.0			AE10226-ND	8.75	7.69	6.89	A-MCU60020/G-R	AE10196-ND	11.95	10.50	9.42	A-MCSP60020/G-R	
3.0			AE10231-ND	11.58	10.18	9.13	A-MCU60030/G-R	AE10201-ND	15.48	13.61	12.20	A-MCSP60030/G-R	
5.0		AE10236-ND	16.90	14.85	13.32	A-MCU60050/G-R	AE10206-ND	22.04	19.38	17.37	A-MCSP60050/G-R		
10.0		AE10241-ND	25.69	23.35	21.02	A-MCU60100/G-R	AE10211-ND	32.75	29.78	26.80	A-MCSP60100/G-R		

◆ RoHS Compliant

Fig. 37 — USB Adapter on Slot Bracket

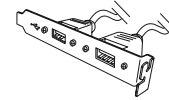


Fig. 38 — USB Adapter

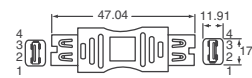


Fig. 39 — USB to Serial Adapter Cable

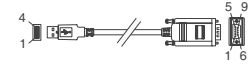


Fig. 40 — Modular Plug



Fig. 41 — Keystone Jack



Fig. 42 — CAT5(e) Patch Cable

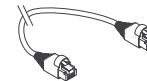
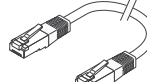


Fig. 43 — CAT6 Patch Cable

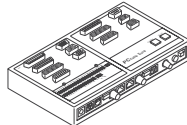


## Cable Testers

### PC Cable Tester, Standalone

All suitable PC cable can be tested with this tester.

- Checks: connection, pin allocation and shielding
- Pin allocation shown by LEDs: transmit (25), receive (36), battery (1), shielding (2), number of wires (4)
- 4 Buttons: Test, auto/manual, speed, on/off
- Automatic and manual test run
- Connectors: D-Sub-9 M/F, D-Sub-15 M/F, D-Sub-15 HD M/F, D-Sub-25 M/F Centronics 36 female, BNC male, RJ45 female, USB A+B female, IEEE 1394 female, SATA Cable
- Power supply by 9V block battery, 9V/150mA external power supply optional
- Dimensions (W x D x H): 250mm x 130mm x 35mm

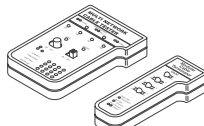


AE10092-ND PC Cable Tester, Standalone (ACT-PC-SO) ..... \$231.46

### Network Cable Tester

#### RJ45, BNC

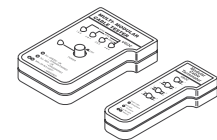
- Cable tester for shielded and unshielded CAT5 cable with RJ45 plug as well as for BNC-coax cable
- Test function for cable with RJ45 UTP/STP and BNC plug, patch panels and modular wall plates
- Fast test function by auto-scanning
- Tests: connection, allocation, pairs according to EIA/TIA 356A, 568A, 568B, Token Ring
- Main device with one RJ45 and one BNC female, remote unit with one RJ45 female
- With remote unit for testing of installed cable
- LEDs for status display
- Operation with 9V block battery
- Includes artificial leather bag



AE1206-ND Network Cable Tester (ACT-MN) ..... \$71.28

### Modular Cable Tester RJ45 / RJ11 / RJ12

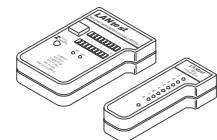
- Modular cable tester for cable with RJ45, RJ12 and RJ11 plug
- Fast test function by auto-scanning
- Test: connection, allocation and pairs
- Main device with two RJ45 female; remote unit with one RJ45 female
- Installed cable can be tested with remote unit
- LEDs for status display
- Operation with 9V block battery
- Includes artificial leather bag



AE1204-ND Modular Cable Tester (ACT-MM) ..... \$82.60

### Premium Network Cable Tester RJ45, BNC

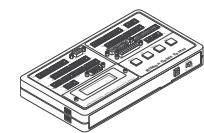
- Total of 18 LEDs (for each wire and for shielding) show the allocation and give a fast, exact test result
- Operation with 9V block battery
- Test function for cable with RJ45/11 UTP/STP & BNC plugs, patch panels and modular wall plates
- Includes BNC cable adapter for coax cable test
- Manual or automatic test run
- Tests: connection, allocation, pairs according to EIA/TIA 356A, 568A, 568B, Token Ring
- Main device with two RJ45 female, remote unit with one RJ45 female
- Installed cable can be tested with remote unit
- Includes artificial leather bag



AE1205-ND Premium Network Cable Tester (ACT-LAN) ..... \$113.32

### Flat Cable Tester

- Input: IDC50 male, IDC40 male, IDC34 male, IDC26 male, IDC10 male, DB15 male and DB9 female
- Output: IDC50 male, IDC40 male, IDC34 male, IDC16 male, IDC10 male, DB25 male and DB25 female
- Control Switches: Read, Test, Up and Down
- Display: Liquid crystal display with backlight
- Extension Ports: 2 x 40 pins IDC male connectors
- Power: 9VDC Battery or 110/220V to 9VDC 150mA 2.50 power jack
- Size: (L x W x H) 250mm x 134mm x 35mm



AE10313-ND Flat Cable Tester (ACT-FLAT) ..... \$502.50

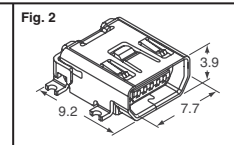
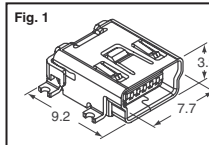
Technology to Inspire Innovation

## JAE Mini USB Connectors



Specifications: • Contact Resistance: 50mΩ maximum (initial) • Dielectric Withstanding Voltage: AC 100V.m.s per minute • Insulation Resistance: 100MΩ minimum (initial) • Rated Current: 1.0A • Rated Voltage: AC 30V.m.s • Operating Temperature: -20°C - 60°C Materials: • Terminal: Copper Alloy • Plating: Gold plating over Nickel on contact area, Tin Copper in tail area over nickel • Insulator: Glass filled Nylon • Shell: Copper Alloy, Tin plating over Nickel

Fig.	Description	No. of Contacts	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape & Reel Pricing 700	JAE Part No.
				1	25	100			
1	Type "B" Right Angle	5	670-1190-1-ND	1.23	.65	.54	670-1190-2-ND	323.46	DX2R005HN2E700
2	Type "AB" Right Angle	5	670-1523-1-ND	4.18	2.58	2.38	670-1523-2-ND	1415.48	DX3R005HN2E700



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