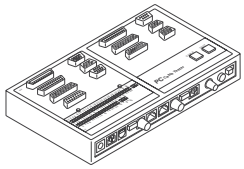
Cable Testers

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

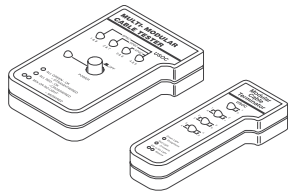
AE10092-ND PC Cable Tester, Standalone (ACT-PC-SO) **151.24**



Modular Cable Tester RJ11 / RJ12 / RJ45

- Modular cable tester for cable with RJ11, RJ12 and RJ45 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

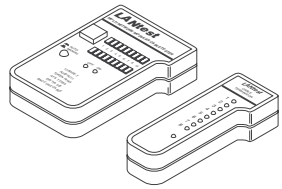
AE1204-ND Modular Cable Tester (ACT-MM-R) **64.38**



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 and 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-R) **59.36**



A

Mini and Micro USB Connectors

Dim. in mm

Mini USB Connectors: Specifications: • Contact Resistance: 50mΩ maximum (initial) • Dielectric Withstanding Voltage: AC 100Vr.m.s per minute • Insulation Resistance: 100MΩ minimum (initial) • Rated Current: 1.0A • Rated Voltage: AC 30Vr.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

Micro USB Connectors: Specifications: • Contact Resistance: 30mΩ maximum (initial) • Dielectric Withstanding Voltage: DC 500 per minute • Insulation Resistance: 1000MΩ (initial) • Rated Current: 1.8A (Vbus, GND); Others 0.5A • Rated Voltage: AC 30Vr.m.s • Operating Temperature: -30°C ~ 80°C Materials: • Contact: Copper Alloy • Contact Area: Au plating over Pd over Ni • Terminal Area: Au flash plating over Ni • Insulator: Glass filled Nylon resin UL94V-0 • Shell: Stainless Steel/Sn plating over Ni

Fig.	Description	No. of Con-tacts	Digi-Key Part No.	Cut Tape Price Each 1	25	100	Digi-Key Part No.	Tape & Reel Qty.	Pricing	JAE Part No.
				Mini						
1	Type "A" Right Angle	5	670-1809-1-ND	1.43	.86	.81	670-1809-2-ND	700	499.70	DX1R005HN2E700
2	Type "B" Right Angle	5	670-1190-1-ND	1.03	.55	.46	670-1190-2-ND	700	272.66	DX2R005HN2E700
3	Type "AB" Right Angle	5	670-1523-1-ND	3.52	2.18	2.00	670-1523-2-ND	700	1193.18	DX3R005HN2E700
				Micro						
4	Type "Micro B" Right Angle	5	670-2182-1-ND	2.15	1.35	1.08	670-2182-2-ND	1,500	777.98/M	DX4R005J91R1500

Fig. 1

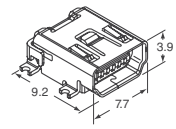


Fig. 2

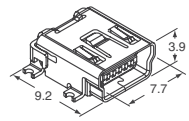


Fig. 3

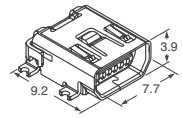
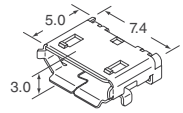


Fig. 4



USB Power Supply Output Cables

SPECIFICATIONS:

- USB-A plug: PVS, Black
- DC Plug Overmold: PVC, Black, UL94V0
- Cable: UL2468, 22AWG, 0.16 x 17 strands, a 2 Conductor, Twin Wire, 3.6 (1.8x2) ±0.1mm OD, Black
- Rated Load: 1 A at 5 Vdc

Fig. 1

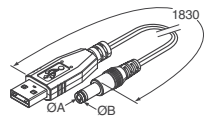


Fig. 2

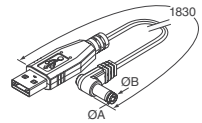


Fig.	Diameter - mm A	B	Description	Digi-Key Part No.	Price Each 1	10	100	500	Tensility Part No.
				Straight					
1	2.1	5.5	Cable USA-A Center Positive	839-1016-ND	4.37	3.79	2.92	2.42	10-00240
	2.1	5.5	Cable USB-A Center Negative	839-1017-ND	4.37	3.79	2.92	2.42	10-00241
	2.5	5.5	Cable USB-A Center Positive	839-1020-ND	4.37	3.79	2.92	2.42	10-00244
	1.35	3.5	Cable USB-A Center Positive	839-1022-ND	4.41	3.83	2.95	2.45	10-00248
	1.35	3.5	Cable USB-A Center Negative	839-1023-ND	4.41	3.83	2.95	2.45	10-00249
	1.7	4.75	Cable USB-A Center Poitive	839-1025-ND	4.41	3.83	2.95	2.45	10-00252
	0.7	2.35	Cable USB-A Center Positive	839-1027-ND	4.54	3.94	3.03	2.52	10-00256
				Right Angle					
2	2.1	5.5	Cable USB-A Center Positive	839-1018-ND	4.37	3.79	2.92	2.42	10-00242
	2.1	5.5	Cable USB-A Center Negative	839-1019-ND	4.37	3.79	2.92	2.42	10-00243
	2.5	5.5	Cable USB-A Center Positive	839-1021-ND	4.37	3.79	2.92	2.42	10-00246
	1.35	3.5	Cable USB-A Center Positive	839-1024-ND	4.41	3.83	2.95	2.45	10-00250
	1.7	4.75	Cable USB-A Center Positive	839-1026-ND	4.41	3.83	2.95	2.45	10-00254
	0.7	2.35	Cable USB-A Center Positive	839-1028-ND	4.54	3.94	3.03	2.52	10-00258

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.