

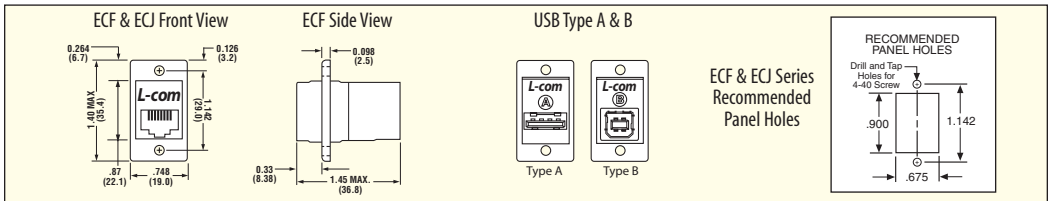
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
<b>✓RoHS</b> <a href="#">ECF504-UAB</a>	USB Type A - Type B Coupler	Ivory	5.95	5.83	5.59	5.24	4.46
<a href="#">ECF504B-UAB</a>	USB Type A - Type B Coupler	Black	5.95	5.83	5.59	5.24	4.46
<a href="#">ECF504-UABS</a>	USB Type A - Type B Coupler, Shielded	Silver	6.95	6.81	6.53	6.12	5.21
<a href="#">ECF504-BAS</a>	USB Type B - Type A Coupler, Shielded	Silver	6.95	6.81	6.53	6.12	5.21
<a href="#">ECF440</a>	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96

**✓RoHS USB Type A and B Panel Couplers with 10" Wire Leads, 30 Microinches Gold, Black or Ivory**  
 Similar to our USB coupler except with wire leads in the rear to connect to equipment. Choose USB Type A or B jacks in Black or Ivory color. Wires are 20 AWG (2 power) and 24 AWG (2 signal) stranded wires with additional drain to shield. Recommended 4-40 mounting screws must be purchased separately.

<a href="#">ECJ504-UA</a>	USB Type A Jack, 10" Leads	Ivory	5.25	5.15	4.93	4.62	3.94
<a href="#">ECJ504-UB</a>	USB Type B Jack, 10" Leads	Ivory	5.25	5.15	4.93	4.62	3.94
<a href="#">ECJ504B-UA</a>	USB Type A Jack, 10" Leads	Black	5.25	5.15	4.93	4.62	3.94
<a href="#">ECJ504B-UB</a>	USB Type B Jack, 10" Leads	Black	5.25	5.15	4.93	4.62	3.94
<a href="#">ECF440</a>	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96

**✓RoHS IEEE-1394 Firewire Shielded Panel Mount Couplers, Type 1 Connectors**  
 This coupler provides a practical and cost effective way to feed Firewire cables through a panel or enclosure. A unique mounting flange makes these units usable in virtually any panel thickness. Features two Type 1 (6 position) female connectors and metal housing. Recommended 4-40 mounting screws must be purchased separately.

<a href="#">ECF504-94MS</a>	IEEE-1394 Firewire Shielded Coupler, Type 1 Connectors	Silver	8.95	8.77	8.41	7.88	6.71
<a href="#">ECF440</a>	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96



**✓RoHS 19" Panels with 16 or 32 Openings - Pre-Tapped To Accept Any ECF/ECJ504 Adapter**

Our 16 and 32 port unpopulated panels are available for those who wish to create their own modular rack panels. Compatible with any of the ECF504 or ECJ504 series couplers on pages 42, 44 and 45. Bone and Black color; pre-tapped screw holes work with 4-40 screws (L-com #ECF440).

<a href="#">PR175F504</a>	1.75" Blank Rack Panel accepts 16 Couplers	Bone	34.95	34.25	33.55	32.85	32.15
<a href="#">PR35F504</a>	3.50" Blank Rack Panel accepts 32 Couplers	Bone	39.95	39.15	38.35	37.55	36.75
<a href="#">PR175F504B</a>	1.75" Blank Rack Panel accepts 16 Couplers	Black	34.95	34.25	33.55	32.85	32.15
<a href="#">PR35F504B</a>	3.50" Blank Rack Panel accepts 32 Couplers	Black	39.95	39.15	38.35	37.55	36.75

**Tip** *What is the difference between straight-thru and cross pinning?*

Straight-thru means each contact is straight pinned to its respective contact (1-1, 2-2, 3-3, etc.). Crossed pinning means contacts are pinned through to the opposite contact. Example: On an 8 position RJ45: 1-8, 2-7, 3-6, etc.

When using a coupler between two patch cords it is important to choose the correct type. As the diagrams illustrate, if the desired pinning from end to end is crossed then the coupler and cables must be crossed. For straight pinning, all cables and couplers must be straight-thru type.

**Crossed Couplers with Crossed Output**

**Straight Couplers with Straight Output**

**19" USB Patch Panels - Equipped with 16 or 32 USB A/B Adapters**

An L-com exclusive, four 19" rack panels with 16 or 32 shielded or unshielded USB A/B couplers. Panel heights are 1.75" or 3.5", color is Black with White legends 1-16 or 1-32 imprinted below the couplers. Couplers are Black or Silver (shielded). Additional coupler detail can be found on page 45.

<a href="#">PR175F504-UAB</a>	1.75" 16 Port Panel USB A/B	Black	119.95	110.35	100.76	91.16	CALL
<a href="#">PR35F504-UAB</a>	3.50" 32 Port Panel USB A/B	Black	199.95	183.95	167.96	151.96	CALL
<a href="#">PR175F504-UABS</a>	1.75" 16 Port Panel USB A/B, Shielded	Black	129.95	119.55	109.16	98.76	CALL
<a href="#">PR35F504-UABS</a>	3.50" 32 Port Panel USB A/B, Shielded	Black	229.95	211.55	193.16	174.76	CALL

**3.5" x 19" Firewire (IEEE-1394) Coupler Panel - Equipped with 32 Shielded Firewire Type 1/1 Couplers**

These exclusive rack panels are populated with 32 of our ECF504-94MS fully shielded Firewire couplers featuring Type 1 (6 position) female connectors on each end. Panel is Black with White legend printed 1-32. Panel size is 3.5" x 19".

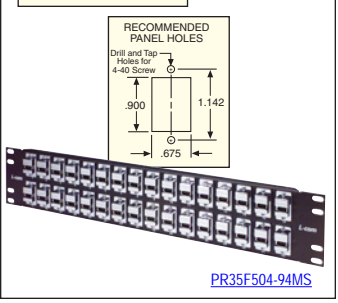
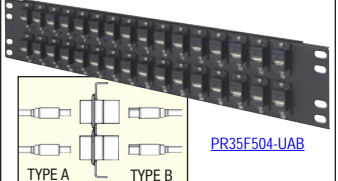
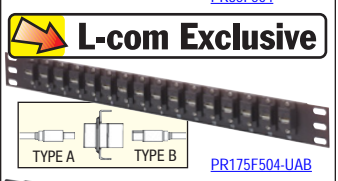
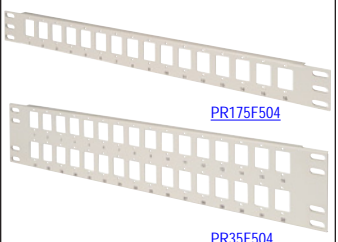
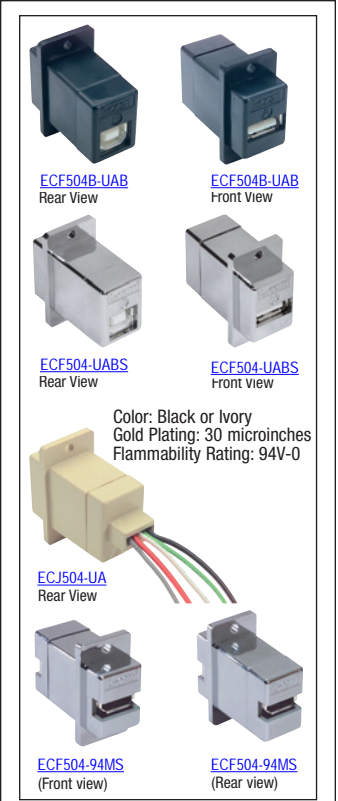
<a href="#">PR35F504-94MS</a>	3.50" 32 Port Firewire (IEEE-1394) Panel, Shielded		279.95	257.55	235.16	212.76	CALL
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**Tip** *What is the difference between a USB Type A or B connector?*

Type A jacks are found on the host and on hubs.  
 Type B jacks are found on peripherals.

**TYPE A**

**TYPE B**



For more useful information go to...  
[www.L-com.com/Resources](http://www.L-com.com/Resources)

