

## ANGLED USB PRODUCTS

### 90 Degree Angled USB 2.0 Cable Assemblies - Choice of 24 Options

Molded, angled connector hoods solve difficult connection issues in tight places. Four mold options each for standard A and B style connectors are available. These high quality constructed cables feature USB 2.0 compliant 26 AWG power leads and are finished in an attractive gray color. Custom configuration options are available with modest minimum requirements. All families are available in lengths of 0.3, 0.5, 0.75, 1, 2, 3, 4, and 5 meters.

Use the grid below to determine which cable family best fits your application

	A UP	A DOWN	A LEFT	A RIGHT	A STRAIGHT
B UP	CA90UA-90UB	CA90DA-90UB	CA90LA-UB	CA90RA-UB	CAA-90UB
B DOWN	CA90UA-90DB	CA90DA-90DB	CA90LA-DB	CA90RA-DB	CAA-90DB
B LEFT	CA90UA-90LB	CA90DA-90LB	CA90LA-90LB	CA90RA-LB	CAA-90LB
B RIGHT	CA90UA-90RB	CA90DA-90RB	CA90LA-RB	CA90RA-90RB	CAA-90RB
B STRAIGHT	CA90UA-B	CA90DA-B	CA90LA-B	CA90RA-B	X

The photos below detail the connector position relative to the cable entry direction.

#### A Style Connectors

For A style connectors, the position of the connector dielectric\* is key in determining the correct angle for your application. **\*Note:** The connector dielectric is the plastic material that contains the contacts.

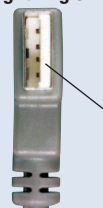
Down Angle A



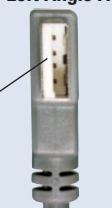
Up Angle A



Right Angle A



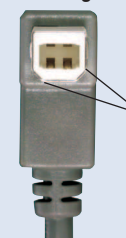
Left Angle A



#### B Style Connectors

For B style connectors, the angled corners of the connector are key in determining the correct angle for your application.

Down Angle B



Up Angle B



Right Angle B

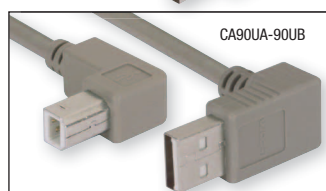
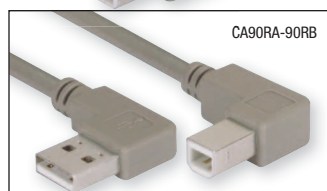
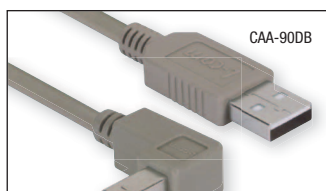
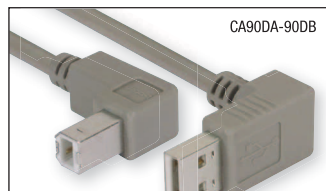
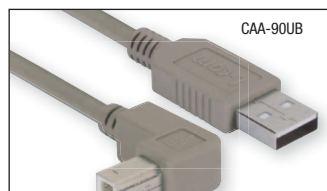
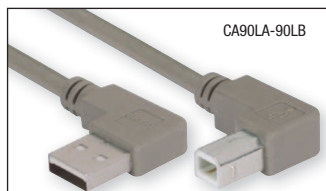


Left Angle B



### 90 Degree USB Cables

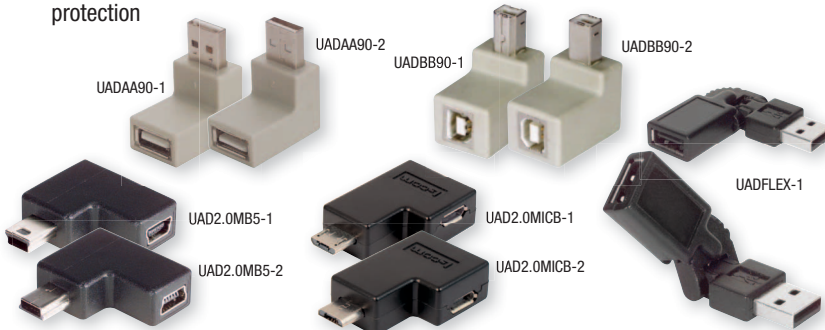
- Left, right, up and down 90 degree connector options
- USB Type A, B, Mini B and Mini B options
- USB 2.0 compliant 26 AWG power leads
- 30 microinch gold plated contacts provide reliable connections



### L-com Sales Contact

### USB Low Profile Right Angle Adapters

- Designed for tight space USB applications
- Type A, B, Mini B and Micro B options
- 100% shielding provides EMI/RFI protection
- 30 Micro-inch gold contact plating
- Durable molded housing provides long life
- Flex adapter can rotate in virtually any direction



## ANGLED USB CABLE ASSEMBLIES

### 45 Degree Angled USB 2.0 Cable Assemblies - Choice of 6 Options

L-com has added 45 degree angled USB cables to compliment our extensive 90 degree angled offering. 45 degree bends offer an alternative in applications where 90 degree bends can't clear nearby obstacles. Two mold options each for standard A and B style connectors are now available. These high quality constructed cables feature USB 2.0 compliant 26 AWG power leads and are finished in an attractive gray color. Custom configuration options are available with modest minimum requirements, please contact our Sales Team for a quote. All families are available in lengths of 0.3, 0.5, 0.75, 1, 2, 3 and 5 meters.

Use the grid below to determine which cable family best fits your application

	A STRAIGHT	A LEFT	A RIGHT
B STRAIGHT	X	CA45LA-B	CA45RA-B
B LEFT	CAA-45LB	CA45LA-45LB	X
B RIGHT	CAA-45RB	X	CA45RA-45RB

L-com has added four new angled options to our existing offering of 90 degree angled USB cable assemblies. The photos to the right detail the connector position relative to the cable entry direction.

#### A Style Connectors

For A style connectors, the position of the connector dielectric\* is key in determining the correct angle for your application. **\*Note:** The connector dielectric is the plastic material that contains the contacts.

Right Angle A



Left Angle A



Right Angle A



Left Angle A



#### B Style Connectors

For B style connectors, the angled corners of the connector are key in determining the correct angle for your application.

Right Angle B



Left Angle B



Right Angle B

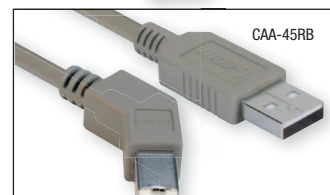
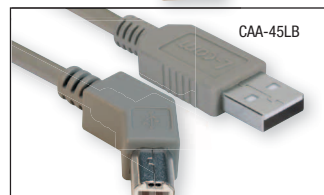
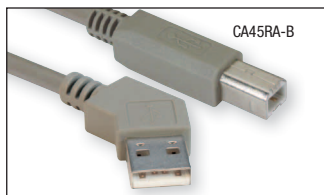
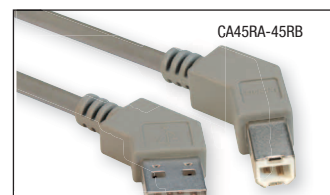
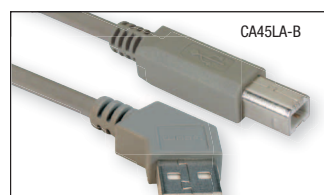
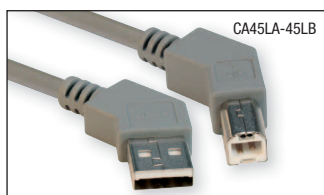


Left Angle B



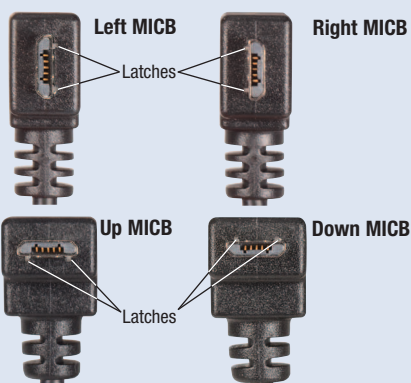
### 45 Degree USB Cables

- Six off the shelf 45 degree cable / connector choices
- 30 microinch gold plated contacts provide reliable connections
- USB 2.0 compliant 26 AWG power leads
- Available in 0.3, 0.5, 0.75, 1, 2, 3, 4 & 5 meter lengths

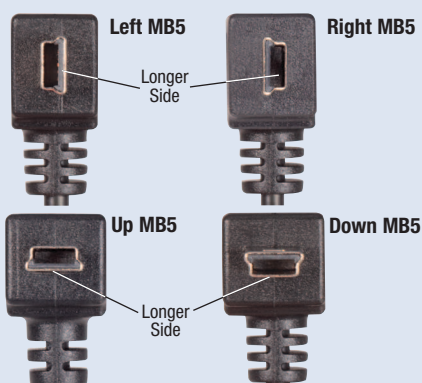


Angled connector hoods help connect USB cables in tight places. L-com now offers four options each for Mini B and Micro B 2.0 style connectors. The photos below detail the connector position relative to the cable entry direction.

For Micro B 5 position connectors, the two latches on the connector are key in determining the correct angle for your application. Reference the location of the latches in the photos below:



For Mini B 5 position connectors, the shape of the connector is key in determining the correct angle for your application. Reference the longer side of the connector in the photos below:



### 90 Degree Angled USB 2.0 Mini B and Micro B Cable Assemblies - Eight Options

Molded, angled connector hoods solve difficult connection issues in tight places. Four mold options each for USB mini B5 and micro B style connectors are now available. These high quality constructed cables feature USB 2.0 compliant 28 AWG power leads and are finished in an attractive black color.

