

# Lightning Protection Components

Series	Description	Installation Torque (in-lb)	Copper Wire Range (kcmil)	Aluminum Wire Range (kcmil)	Notes
LP302	Air Terminal Base	120	59.4 - 211.6	98.6 - 211	
LPC304	Air Terminal Base	90	59.4 - 211.6	---	
LP305	Air Terminal Base	70	59.4 - 211.6	98.6 - 211	
LPC312	Air Terminal Base	90	59.4 - 211.6	---	
LPC315	Air Terminal Base	90	59.4 - 211.6	---	
LPC318	Air Terminal Base	90	59.4 - 211.6	---	
LPC319	Connector Fitting	90	59.4 - 211.6	---	
LPC441	Connector Fitting	90	59.4 - 211.6	---	
LPC502	Connector Fitting	90	59.4 - 211.6	---	
LPC502A	Bi-Metallic Connector Fitting	100	59.4 - 211.6	98.6 - 211	
LP508	Secondary Clip	90	26.2 - 66.4	---	Structure Thickness 0.063" - 0.188"
LP509	Secondary Clip	150	26.2 - 66.4	---	Structure Thickness 0.063" - 0.188"
LP513	Connector Fitting	150	59.4 - 211.6	98.6 - 211	
LP516	Connector Fitting	70	41.1 - 211.6	98.6 - 211	
LP517	Connector Fitting	150	59.4 - 211.6	98.6 - 211	
LPC527	Connector Fitting	90	59.4 - 211.6	---	
LPC528	Connector Fitting	90	59.4 - 211.6	---	
LPC534	Bonding Plate	90	59.4 - 211.6	---	
LPC540	Bonding Plate	90	59.4 - 211.6	---	
LPC557	Beam Flange Bonding Clamp	90	59.4 - 211.6	---	
LPA595	Connector Fitting	80	59.4 - 211.6	---	
LPA610	Base Assembly	90	---	98.6 - 211	

## Notes:

- 1) Unless otherwise noted, these instructions apply to both Aluminum and Copper versions of the product.
- 2) Unless otherwise noted, the cable material (Aluminum or Copper) must match the connector material.

## WARNING:

1. nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at [www.nVent.com](http://www.nVent.com) and from your nVent customer service representative.
2. nVent products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be **completely** followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

## SAFETY INSTRUCTIONS:

All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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