



## BT6LH-C0



- Greater resistance to damage caused by ultraviolet light – indoor or outdoor use
- Dome-top head features unique patented design with round, smooth edges
- Stainless steel locking barb provides consistent performance, reliability and infinite adjustability through entire bundle range
- High strength and low thread force
- Curved tip is easy to pick up from flat surfaces and allows faster initial threading to speed installation (Light-Heavy cross section ties have a straight tip)

|                                   |                                                             |
|-----------------------------------|-------------------------------------------------------------|
| Part Number                       | BT6LH-C0                                                    |
| RoHS Compliancy Status            | Compliant                                                   |
| Part Description                  | Cable Tie with metal barb, 21.2", Light-Heavy cross section |
| Product Type                      | Cable Ties                                                  |
| Material                          | Weather Resistant Nylon 6.6                                 |
| Color                             | Black                                                       |
| CSA Certified                     | No                                                          |
| UL Listed (File #E56854)          | No                                                          |
| UL Recognized (File #E56854)      | No                                                          |
| Length (In.)                      | 21.2                                                        |
| Length (mm)                       | 538                                                         |
| Width (In.)                       | .275                                                        |
| Width (mm)                        | 7.0                                                         |
| CE Compliant                      | Yes                                                         |
| Cross Section                     | Light-Heavy                                                 |
| Head Height (In.)                 | .320                                                        |
| Head Height (mm)                  | 8.1                                                         |
| Head Width (In.)                  | .520                                                        |
| Head Width (mm)                   | 13.2                                                        |
| Locking Style                     | Locking                                                     |
| Material Flammability Rating      | UL 94-HB                                                    |
| Max. Bundle Diameter (In.)        | 6.00                                                        |
| Max. Bundle Diameter (mm)         | 152                                                         |
| Max. Continuous Use Temperature   | 185°F (85°C)                                                |
| Min. Loop Tensile Strength (Lbs.) | 120                                                         |
| Min. Loop Tensile Strength (N)    | 534                                                         |

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| ■ Pricing Description   | Cable Tie, Metal Barb, 21.2"L (538mm), Light-Heavy, Weather Resistant, Black |
| ■ Thickness (In.)       | .065                                                                         |
| ■ Thickness (mm)        | 1.7                                                                          |
| ■ Tool                  | GTH, GS4H, GS4EH, PTH, STH2, ST3EH                                           |
| ■ Min. Order UOM        | PC                                                                           |
| ■ Min. Order Qty.       | 100                                                                          |
| ■ BOM Qty. (# of Pkgs.) |                                                                              |

| PANDUIT<br>PART NO. | BUNDLE DIA.     |                 | A<br>in (mm)  | B<br>in (mm)  | C<br>in (mm)  | D<br>in (mm)  | E<br>in (mm)   | F<br>in (mm)  | MIN. LOOP<br>TENSILE lbs.<br>(N) | CROSS<br>SECTION | WEIGHT<br>lbs./100 pcs.<br>(g) |
|---------------------|-----------------|-----------------|---------------|---------------|---------------|---------------|----------------|---------------|----------------------------------|------------------|--------------------------------|
|                     | MIN. in<br>(mm) | MAX. in<br>(mm) |               |               |               |               |                |               |                                  |                  |                                |
| BT2LH               | .188<br>(4.8)   | 2.00<br>(51)    | .065<br>(1.7) | .275<br>(7.0) | .325<br>(8.3) | .320<br>(8.1) | .520<br>(13.2) | 8.7<br>(221)  | 120<br>(534)                     | LIGHT HEAVY      | .59<br>(267)                   |
| BT3LH               | .188<br>(4.8)   | 3.00<br>(76)    | .065<br>(1.7) | .275<br>(7.0) | .325<br>(8.3) | .320<br>(8.1) | .520<br>(13.2) | 11.8<br>(300) | 120<br>(534)                     | LIGHT HEAVY      | .79<br>(358)                   |
| BT4LH               | .188<br>(4.8)   | 4.00<br>(102)   | .065<br>(1.7) | .275<br>(7.0) | .325<br>(8.3) | .320<br>(8.1) | .520<br>(13.2) | 14.9<br>(378) | 120<br>(534)                     | LIGHT HEAVY      | .99<br>(449)                   |
| BT5LH               | .188<br>(4.8)   | 5.00<br>(127)   | .065<br>(1.7) | .275<br>(7.0) | .325<br>(8.3) | .320<br>(8.1) | .520<br>(13.2) | 18.1<br>(460) | 120<br>(534)                     | LIGHT HEAVY      | 1.19<br>(540)                  |
| BT6LH               | .188<br>(4.8)   | 6.00<br>(152)   | .065<br>(1.7) | .275<br>(7.0) | .325<br>(8.3) | .320<br>(8.1) | .520<br>(13.2) | 21.2<br>(538) | 120<br>(534)                     | LIGHT HEAVY      | 1.39<br>(631)                  |
| BT7LH               | .188<br>(4.8)   | 7.00<br>(178)   | .065<br>(1.7) | .275<br>(7.0) | .325<br>(8.3) | .320<br>(8.1) | .520<br>(13.2) | 24.4<br>(620) | 120<br>(534)                     | LIGHT HEAVY      | 1.59<br>(722)                  |
| BT8LH               | .188<br>(4.8)   | 8.00<br>(203)   | .065<br>(1.7) | .275<br>(7.0) | .325<br>(8.3) | .320<br>(8.1) | .520<br>(13.2) | 27.5<br>(699) | 120<br>(534)                     | LIGHT HEAVY      | 1.79<br>(813)                  |
| BT9LH               | .188<br>(4.8)   | 9.00<br>(229)   | .065<br>(1.7) | .275<br>(7.0) | .325<br>(8.3) | .320<br>(8.1) | .520<br>(13.2) | 30.7<br>(780) | 120<br>(534)                     | LIGHT HEAVY      | 1.99<br>(904)                  |

PANDUIT CORP. TINLEY PARK, ILLINOIS

DOME-TOP Barb Ty CABLE TIES  
BT SERIES

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONAL TOLERANCES ARE:  
(.X)  $\pm .10$  (.5) (.XXX)  $\pm .020$  (.5)  
(.XX)  $\pm .02$  (.5) ANGLES  $\pm$

UNLESS OTHERWISE SPECIFIED,  
ALL DIMENSIONS ARE GIVEN  
IN INCHES, THIRD ANGLE PROJECTION.

DRAWN BY  
PMH

**MAT'L:**

|  |              |
|--|--------------|
|  | <b>SCALE</b> |
|--|--------------|

NONE

|      |         |
|------|---------|
| DATE | 6-24-93 |
|------|---------|

NYLON 6.6

DRAWING NO.

BT - 0037

SHT. 3 OF 3

DWG  
A  
SIZE

|     |        |      |     |                                                    |         |      |     |  |  |
|-----|--------|------|-----|----------------------------------------------------|---------|------|-----|--|--|
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|     |        |      |     |                                                    |         |      |     |  |  |
| 6   | 5/2/06 | JABC |     | REMOVED CURVED TIP REFERENCE &<br>TIP STYLE COLUMN | BT-0037 | 6    |     |  |  |
| REV | DATE   | BY   | CHK | DESCRIPTION                                        | ECN - R | CUST | SUP |  |  |