

Specification Sheet

Part Number: 157-00386



- Cable tie head always situated in defined position
- Easy to assemble without the need for a tool
- Disc adjusts tie for pressure from various directions and minimises access of dust and dirt
- Fir tree foot part can be used for a variety of panel thicknesses
- Suitable for use within threaded holes
- Versions for oval holes feature anti-twist protection

1-Pc Cable Tie/Fir Tree Mount with Disc, 7.1"L, 7-12mm, PA66, black, 500/pkg

|                |            |
|----------------|------------|
| Article Number | 157-00386  |
| Type           | OS180FT712 |
| Color          | Black (BK) |
| Quantity Per   | bag        |

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description                 | <p>The one-piece cable tie and fixing offers a simple and easy to use method of bundling and fixing cables. The innovative design of the fir tree creates an interface with four different size holes that are common in the automotive industry. The fir tree branch design on all four sides makes a 360-degree interface with the panel, creating a more secure fit into the hole. The 'disc' on the top of the fir tree covers the hole and minimizes the ingress of water and dirt. These cable ties feature a fir tree mount that has an innovative four sided 360° branch design that offers full interference for a wide range of oval hole application. This industry-first design allows for one part to be used across multiple hole diameters, and delivers cost savings through part consolidation. The clamp rails along the inside of the cable tie strap increase the grip around bundles, lowering the potential for lateral cable bundle movement.</p> |
| Short Description                   | 1-Pc Cable Tie/Fir Tree Mount with Disc, 7.1"L, 7-12mm, PA66, black, 500/pkg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Global Part Name                    | OS180FT712-PA66-BK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Minimum Tensile Strength (Imperial) | 50.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Minimum Tensile Strength (Metric)   | 225                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Length L (Imperial)                 | 7.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Length L (Metric)                   | 180.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Fixation Method                     | Fir Tree for oval holes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Identification Plate Position       | none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Releasable Closure                  | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Tie Closure                         | plastic pawl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

|                                         |                  |
|-----------------------------------------|------------------|
| Variant                                 | Outside Serrated |
| Width W (Imperial)                      | 0.20             |
| Width W (Metric)                        | 5.1              |
| Bundle Diameter Min (Imperial)          | 0.04             |
| Bundle Diameter Min (Metric)            | 1.0              |
| Bundle Diameter Max (Imperial)          | 1.3              |
| Bundle Diameter Max (Metric)            | 33.0             |
| Panel Thickness Min (Imperial)          | 0.03             |
| Panel Thickness Max (Imperial)          | 0.19             |
| Panel Thickness Min (Metric)            | 0.70             |
| Panel Thickness Max (Metric)            | 3.0              |
| Mounting Hole Diameter D (Imperial)     | 0.28 x 0.47      |
| Mounting Hole Diameter D (Metric)       | 7.0 x 12.0 mm    |
| Mounting Hole Diameter D Min (Imperial) | 0.28             |
| Mounting Hole Diameter D Max (Imperial) | 0.47             |
| Mounting Hole Diameter D Max (Metric)   | 12.0             |
| Disc Diameter (Metric)                  | 16.0 x 21.0      |

|                              |                                        |
|------------------------------|----------------------------------------|
| Disc Diameter (Imperial)     | 0.63 x 0.83                            |
| Material                     | Polyamide 6.6 (PA66)                   |
| Material Shortcut            | PA66                                   |
| Material Cable Tie           | Polyamide 6.6 heat stabilized (PA66HS) |
| Flammability                 | UL 94 V-2                              |
| UV Resistant (Yes/No)        | No                                     |
| Operating Temperature        | -40°F to +221°F (-40°C to +105°C)      |
| Reach Compliant (Article 33) | No                                     |
| ROHS Compliant               | Yes                                    |
| Package Quantity (Imperial)  | 500                                    |
| Package Quantity (Metric)    | 500                                    |
| Customs Number               | 3926909988                             |

