

## Specification Sheet

Part Number: 157-00091



1-Pc Cable Tie/Fir Tree Mount with Disc, 7.1"L, 6.5-13.0mm Mounting Hole, PA66, Black, 2500/pkg

**Article Number**

157-00091

**Type**

OS180FT6513

**Color**

Black (BK)

**Quantity Per**

carton

**Product Description**

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.

**Short Description**

1-Pc Cable Tie/Fir Tree Mount with Disc, 7.1"L, 6.5-13.0mm Mounting Hole, PA66, Black, 2500/pkg

**Global Part Name**

OS180FT6513-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 Max (Imperial)**

1.3

**Bundle Diameter Max (Metric)**

33.0

**Thickness T (Imperial)**

0.06

<b>Thickness T (Metric)</b>	1.5
<b>Panel Thickness Min(Imperial)</b>	0.028
<b>Panel Thickness Max(Imperial)</b>	0.20
<b>Panel Thickness Min (Metric)</b>	0.7
<b>Panel Thickness Max (Metric)</b>	5.2
<b>Mounting Hole Diameter D (Imperial)</b>	0.26 x 0.51
<b>Mounting Hole Diameter D (Metric)</b>	6.5 x 13.0 mm
<b>Mounting Hole Diameter D Min (Imperial)</b>	0.26
<b>Mounting Hole Diameter D Max (Imperial)</b>	0.51
<b>Mounting Hole Diameter D Max (Metric)</b>	13.0
<b>Disc Diameter(Metric)</b>	16.0 x 21.0
<b>Disc Diameter (Imperial)</b>	0.63 x 0.83
<b>Material</b>	Polyamide 6.6 (PA66)
<b>Material Shortcut</b>	PA66
<b>Flammability</b>	UL 94 V2
<b>Operating Temperature (Metric)</b>	-40°F to +185°F (-40°C to +85°C)

**ROHS Complaint**

Yes

**Package Quantity(Imperial)**

6000

**Package Quantity (Metric)**

2500