

Specification Sheet

Part Number: 157-00251



1-Pc Cable Tie/Fir Tree Mount with Disc, 7.1"L, 6.5-13.0mm Mounting Hole, PA46, Gray, 500/bag

Article Number

157-00251

Type

OS180FT6513

Color

Gray (GY)

Quantity Per

bag

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, PA46, Gray, 500/bag

Global Part Name

OS180FT6513-PA46-GY

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)

0.18

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
Thickness T (Imperial)	0.06
Thickness T (Metric)	1.5
Height H (Imperial)	0.44
Height H (Metric)	11.3
Panel Thickness Min(Imperial)	0.028
Panel Thickness Max(Imperial)	0.20
Panel Thickness Min (Metric)	0.7
Panel Thickness Max (Metric)	5.2
Mounting Hole Diameter D (Imperial)	0.26 x 0.51
Mounting Hole Diameter D (Metric)	6.5 x 13.0 mm
Mounting Hole Diameter D Min (Imperial)	0.26
Mounting Hole Diameter D Max (Imperial)	0.51
Mounting Hole Diameter D Max (Metric)	13.0
Disc Diameter(Metric)	16.0 x 21.0
Disc Diameter (Imperial)	0.63 x 0.83

Material	Polyamide 4.6 (PA46)
Material Shortcut	PA46
Material Cable Tie	Polyamide 4.6 (PA46)
Flammability	UL 94 V2
Operating Temperature (Metric)	-40°F to +275°F (-40°C to +135°C)
ROHS Complaint	Yes
Package Quantity(Imperial)	500
Package Quantity (Metric)	500