

Specification Sheet

Part Number: 157-00421

HIRHSUV solar fasteners provide excellent resistance to UV, chemical and moisture sensitive environments

Can be pre-installed while modules are still on the pallet

Barrel and offset head design reduces potential for abrasion and wear

First Solar vetted design



Series 6 Solar Fir Tree Fastener, 50lb Tensile Strength, PA66HIRHSUV, Black, 1000/bg

Article Number	157-00421
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Type	T50ROSFT5.6SO25R
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Color	Black (BK)
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Quantity Per	bag
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Product Description	The Series 6 Solar Fir Tree Fastener is the easiest and fastest wire management solution on the market. It features a head design specifically tailored for First Solar Series 6 Modules. Entire fir tree passes through wire management hole to prevent unintended disengagement. Unique barrel head rests on module lip to relieve fir tree of downward forces. Offset keeps bundles the perfect distance from mounting hole, allowing nondestructive movement due to wind or tracker motion. The bent tail design allows quick and simple installations by hand.
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Short Description	Series 6 Solar Fir Tree Fastener, 50lb Tensile Strength, PA66HIRHSUV, Black, 1000/bg
Global Part Name	T50ROSFT5.6SO25R-PA66HIRHSUV-BK
Minimum Tensile Strength (Imperial)	50
Minimum Tensile Strength (Metric)	225
Length L (Imperial)	9.4
Length L (Metric)	239.0
Offset Length (Imperial)	0.98
Offset Length (Metric)	25.0
Fixation Method	Fir tree for round holes
Identification Plate Position	none
Releasable Closure	No
Variant	Outside Serrated
Width W (Imperial)	0.2
Width W (Metric)	5.08
Bundle Diameter Min (Imperial)	0.08
Bundle Diameter Min (Metric)	2.0

Bundle Diameter Max (Imperial)	1.97
Bundle Diameter Max (Metric)	50.0
Height H (Imperial)	0.76
Height H (Metric)	19.25
Diameter D (Imperial)	0.36
Diameter D (Metric)	9.04
Panel Thickness Min (Imperial)	0.12
Panel Thickness Max (Imperial)	0.17
Panel Thickness Min (Metric)	3.0
Panel Thickness Max (Metric)	4.25
Mounting Hole Diameter D (Imperial)	0.21 - 0.23
Mounting Hole Diameter D (Metric)	5.4 - 5.8 mm
Mounting Hole Diameter D Min (Imperial)	0.21
Mounting Hole Diameter D Max (Imperial)	0.23
Mounting Hole Diameter D Max (Metric)	5.8

Material	Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV)
Material Shortcut	PA66HIRHSUV
Flammability	UL 94 HB
Halogen Free	Yes
UV Resistant (Yes/No)	Yes
Plenum Rating	AH-2
Operating Temperature	-40°F to +221°F (-40°C to +105°C)
Reach Compliant (Article 33)	Yes
ROHS Compliant	Yes
UL Listed (US and Canada)	Yes
UL Listed (US)	Yes
Package Quantity (Imperial)	1000
Package Quantity (Metric)	1000
Customs Number	3926909988

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