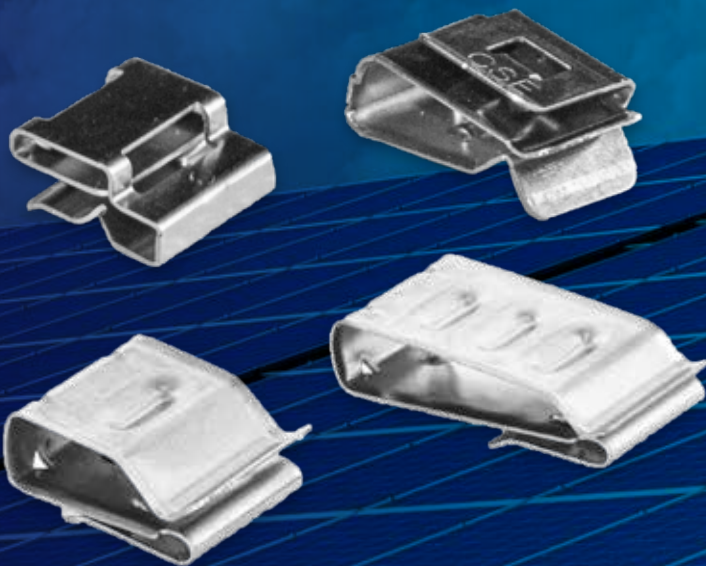


Cobalt Solar  
EXCLUSIVE

# SOLAR CABLE MANAGEMENT



Leaders in Solar Component  
Design and Manufacture

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# RATCHET LOCKING CABLE TIES

## Epoxy Coated Stainless

Manufactured from the highest-grade materials these innovative Cobalt Solar ratchet lock SS cable ties are your go to for fast reliable cable management. Epoxy coated for cable and installer protection. Try them today.



- Made for solar farm, roof top and other outdoor installations
- Easy to install with no tools required
- Genuine 316 Stainless Steel inner core
- Designed for Australian conditions
- Vibration resistant
- Superior weather resistance

SIZE		PART NO.
7mm	7mm(W) x 350mm(L)	CSE-LRG-SSTIE350-7
4.5mm	Made to Order & Custom	100mm – 500mm
7mm	Made to Order & Custom	150mm – 800mm
10mm	Made to Order & Custom	200mm – 800mm

(See data sheet for more sizes)

**1. WRAP CABLE TIE AROUND BUNDLE**

**2. INSERT STRAP THROUGH TIE HEAD BY HAND**

**3. PULL TIE THROUGH TO DESIRED LEVEL**

- No special tool required
- Ensure the locking pin is secure in a step
- Tie can be loose or tight depending on needs as it will lock into place however you wish to set it.

**4. BEND AWAY OR CUT OFF EXCESS**

- Bending or folding excess is easy if it suits the installation
- If cutting excess, using tin snips is far less effort than side cutters
- Prevent sharp edges for the next person and reduce risk of cable damage.

**FIRE RATED**

**SECURE LOCKING**

**EXCEPTIONAL FLEXIBILITY**

**-40 to +150°C TEMP RANGE**

**450-1000 NM TENSILE STRENGTH**

**DESIGN FOR PV**

**UV STABILIZED**

**TIME SAVING**

# RATCHET LOCKING CABLE TIES

## Data Sheet

### SS LOCKING CABLE TIES

PART NUMBER	CSE-SSTIE***-4.5	CSE-LRG-SSTIE350-7	CSE-LRG-SSTIE***-7	CSE-SSTIE***-10
WIDTH	4.5 mm	7 mm	7 mm	10 mm
AVAILABILITY	Made to Order	In Stock	Made to Order	
SOLD PER	Bag			
PACKAGE SIZE (BAG)	100x Ties per bag			
PACKAGE SIZE (CARTON)	Custom	<b>25 Bags (2,500 Ties)</b>		Custom
LENGTH	100 - 500mm	<b>350mm</b>	150 - 800mm	200 - 800mm
BUNDLE DIAMETER RANGE	8 ~ 152mm	<b>24 - 104mm</b>	8 ~ 240mm	
INSTALL ON	Static & Tracking Solar, HVAC & Outdoor Use			
SUITS	Solar Cables, TPS, AC Cables, Comms as well as Rigid & Corrugated conduit			
COLOUR	Black			
UV PROTECTION	Extreme			
TENSILE STRENGTH (N.M)	450	700		1,000
TEMPERATURE RANGE	Tie: -60 °C to +550 °C Coating: -40 °C to +150 °C			
FIRE RATING	Not Significantly Flammable			
WARRANTY	15 Years			
MATERIAL (STANDARD)	<b>Tie: SS 316 Coating: Black Oven Cured Proprietary Epoxy</b>			
MATERIAL (CUSTOM)	Tie: SS 201, SS 304 Or SS 316 Coating: With Or Without Black Or Coloured Epoxy			
CUSTOM SIZES AVAILABLE	Yes (See Below)			
RODENT & BIRD PROOF	Yes			
GROUND CONTACT RATED	Yes			
TERMITE RESISTANCE	Yes			
CHEMICAL RESISTANCE	Salt, Acid, Alcohol, Oil, Grease & Some Solvents			
ROHS COMPLIANCE	Yes, Lead Free & Heavy Metals Free			
HALOGEN FREE	Yes			

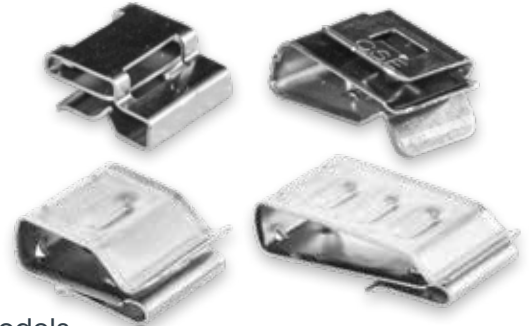
### SS LOCKING CABLE TIES (SIZES CONTINUED)

	CSE-SSTIE***-4.5	CSE-LRG-SSTIE***-7	CSE-SSTIE***-10
AVAILABILITY	Made to Order		
WIDTH	4.5 mm	7 mm	10 mm
LENGTH:	<b>Bundle Diameter Range:</b>		
100MM	8 - 28mm	n/a	n/a
150mm	8 - 44mm	8 - 42mm	n/a
200mm	20 - 60mm	14 - 58mm	8 - 52mm
250mm	36 - 76mm	30 - 74mm	24 - 74mm
300mm	8 - 88mm	8 - 88mm	8 - 88mm
350mm	24 - 104mm	24 - 104mm	24 - 104mm
400mm	40 - 120mm	40 - 120mm	40 - 120mm
450mm	56 - 136mm	56 - 136mm	56 - 136mm
500mm	72 - 152mm	72 - 152mm	72 - 152mm
800mm	n/a	80 - 240mm	80 - 240mm
Other Sizes can be Custom Manufactured			

# SOLAR CABLE CLIPS

StainleSS Steel

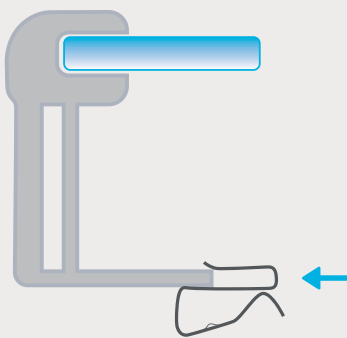
Heavy Duty Solar Cable clips manufactured from highly flexible stainless steel. Strong spring action ensures cables will not pop out. Cable Tie clips for larger bundles of solar and non-solar Cables and Conduit.



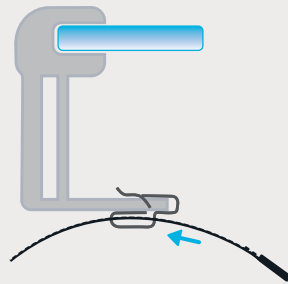
- Spring Grade Stainless Steel
- Superior weather resistance
- Designed for Australian conditions
- Multiple applications and models
- Made for solar farm, roof top and other outdoor installations

SIZE		PART NO.
4x	up to 4 x 4-6mm <sup>2</sup> Cable	CSE-CAB-CLIP-4-DC
2x	up to 2 x 4-6mm <sup>2</sup> Cable	CSE-CAB-CLIP-2-DC
Multi	Suit Bundle in a 7mm cable tie	CSE-TIE-CLIP-7
2x 90°	up to 2 x 4-6mm <sup>2</sup> Cable	CSE-CAB-CLIP-2-DC-90D

## 1. PUSH CLIP ONTO FRAME

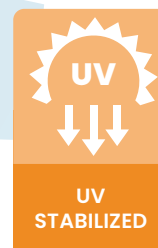
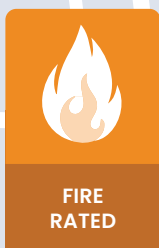
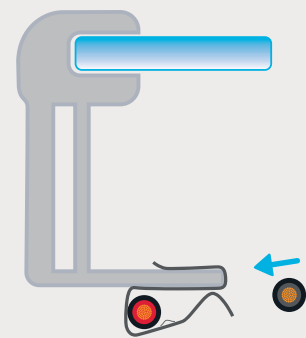


## 2. INSTALL CABLE TIE (if Applicable)



- No special tool required for CSE-LRG-SSTIE350-7
- Tie can be loose or tight depending on needs as it will lock into place however you wish to set it
- Bending or folding excess is easy if it suits the installation
- If cutting excess, using tin snips is far less effort than side cutters
- Prevent sharp edges for the next person and reduce risk of cable damage.

## 3. INSERT CABLES, ONE AT A TIME



# SOLAR CABLE & CLIPS

## Data Sheet

SS CABLE CLIPS				
PART NUMBER	CSE-CAB-CLIP-2-DC	CSE-CAB-CLIP-4-DC	CSE-CAB-CLIP-2-DC-90D	CSE-TIE-CLIP-7
AVAILABILITY	In Stock			
SOLD PER	Bag			
PACKAGE SIZE (BAG)	100x Clips per bag			
PACKAGE SIZE (CARTON)	40 Bags (4,000 Clips)	50 Bags (5,000 Clips)	25 Bags (2,500 Clips)	50 Bags (5,000 Clips)
CABLE TIE WIDTH TO SUIT		n/a		4 - 7.5 mm
NUMBER OF CABLES	1 - 2x	1 - 4x	1 - 2 x	∞
INSTALL ON	Static & Tracking Solar, HVAC & Outdoor Use			
SUITS	4mm <sup>2</sup> - 10mm <sup>2</sup> Round or Twin Cables			Cable & Conduits
UV PROTECTION	Extreme			
WIND RATING	200+ Km/h			
SNOW LOAD RATING	>1kn / m <sup>2</sup>			
TEMPERATURE RANGE	-40 °C TO +550 °C			
FIRE RATING	Non-Flammable			
WARRANTY	15 Years			
MATERIAL	Spring Grade Stainless Steel			
CUSTOM SIZES AVAILABLE	Yes			
RODENT & BIRD RESISTANT	Yes			
CHEMICAL RESISTANCE	Weak Salt, Acid, Alcohol, Oil, Grease & Some Solvents			
ROHS COMPLIANCE	Yes, Lead Free & Heavy Metals Free			

### NOTES

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ENERGY

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