

# Cord And Cable Connectors



## Solar Non-Metallic Cord Grips

### Applications:

Cooper Crouse-Hinds Solar Cord Grips are used in both commercial and residential grid-tied PV solar applications and are designed to accommodate the entry of multiple PV wires coming into a combiner or pass through box. The Solar Cord Grips provide mechanical strain relief as well as a liquid tight seal around the solar panel wires.

### Features:

- Multi-hole cord grip to allow for entry of multiple PV wires.
- Solar cord grips offer customer flexibility by allowing the termination from 1 to 31 PV wires in a single connector.
- Skinned over glands provide a durable, liquid tight seal around the wires.
- No disassembly required for installation.
- 5MM offering accommodates USE-2, 12AWG and 10AWG wire.
- 7MM offering accommodates 1000V PV cable, 12AWG and 10AWG wire.
- Temperature rating: -22°F (-30°C) to 212°F (100°C) to meet the most demanding environmental conditions.



Photo shown with steel locknut  
(locknuts must be ordered separately)

### Certifications and Compliances:

- UL/cUL listed
- IP68
- Flammability rating: 94-V2

### Standard Materials:

- 60% nylon with TPE/Buna N sealing glands



### Ordering Information:

Cat. #	Trade Size	No. of Holes	Hole Cable Diam.	Wire Type	Size
NCGS25*	3/4"	5 Holes	5MM	USE-2	12AWG, 10AWG
NCGS237	3/4"	3 Holes	7MM	1000V PV Cable	12AWG, 10AWG
NCGS39*	1"	9 Holes	5MM	USE-2	12AWG, 10AWG
NCGS357	1"	5 Holes	7MM	1000V PV Cable	12AWG, 10AWG
NCGS413*	1 1/4"	13 Holes	5MM	USE-2	12AWG, 10AWG
NCGS497	1 1/4"	9 Holes	7MM	1000V PV Cable	12AWG, 10AWG
NCGS631*	2"	31 Holes	5MM	USE-2	12AWG, 10AWG
NCGS6197	2"	19 Holes	7MM	1000V PV Cable	12AWG, 10AWG

\*UL recognized, but not listed. Consult factory for additional information.

### Locknut Ordering Information:

Material	Cat. #	Trade Size
Steel	12	3/4"
	13	1"
	14	1 1/4"
	16	2"
Aluminum	12 SA	3/4"
	13 SA	1"
	14 SA	1 1/4"
	16 SA	2"
Non-metallic	12N	3/4"
	13N	1"
Zinc	12DC	3/4"
	13DC	1"
	14DC	1 1/4"
	16DC	2"