

Enphase Engage Coupler

The **Enphase Engage Coupler™** is a watertight enclosure for connecting two power cables within an Enphase installation. It supports single-phase and three-phase electrical service and is compatible with TC-ER field cable.

The Engage Coupler provides an alternative to installing junction boxes within an array, improving aesthetics and saving time and materials on the roof.



Fast

- Includes all parts needed for splicing and sealing
- Attaches easily to racking

Flexible

- Compatible with Engage Cable or 12 AWG TC-ER
- Supports single- and three-phase

Smart

- Easily concealed beneath solar array
- Reduces j-box and conduit usage



Enphase Engage Coupler

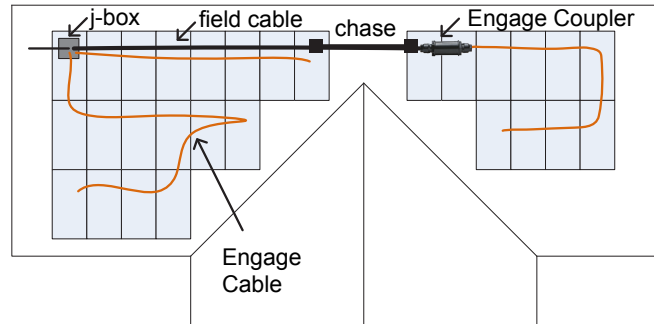
APPLICATIONS

Engage to Engage

- Transition between portrait and landscape Engage Cable
- Make use of leftover segments of Engage Cable

Engage to TC-ER

- Perform roof-to-roof transitions without junction boxes
- Create an extension for Engage Cable



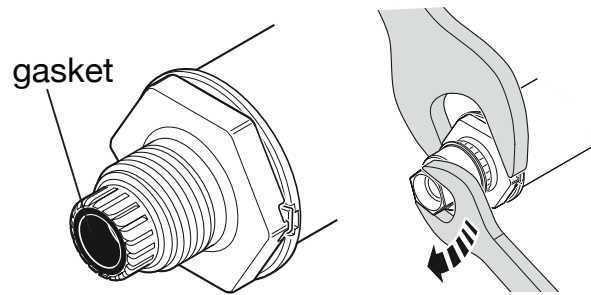
INSTALLATION BEST PRACTICES

Carry the right tools

- Bring a small, 4mm flathead screwdriver
- Use channel locks or wrenches to ensure proper torque

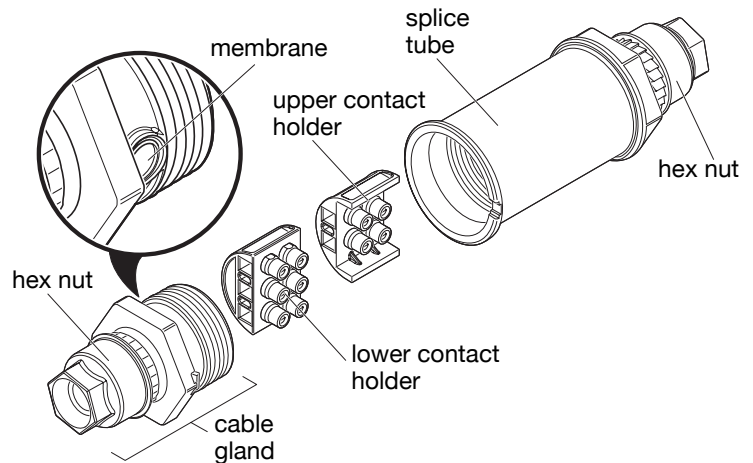
Ensure watertightness

- Pre-mark cable sheath to ensure proper stripping length
- Screw the cable gland until it locks into position
- Check that the gasket is fully flush before tightening the hex nut



COUPLER SPECIFICATIONS

Order no.	ET-SPLK-05 (sold in packs of 5)
Degree of protection	NEMA 6, IP67
Operating temperature	-40°C to +65°C
Rated current	20 A
Rated voltage	600 V
Accepts cable diameter	10.5 mm to 12.5 mm
Conductor size	2.5 mm ² (12 AWG)
Compatible cables	Engage Cable, 12 AWG TC-ER (NOT compatible with SOOW, THHN, 10 AWG TC-ER cable)
Approvals	Certified by CSA and evaluated to UL and CSA safety standards to be installed according to NEC and CSA CEC Part 1 requirements



To learn more about Enphase offerings, visit enphase.com