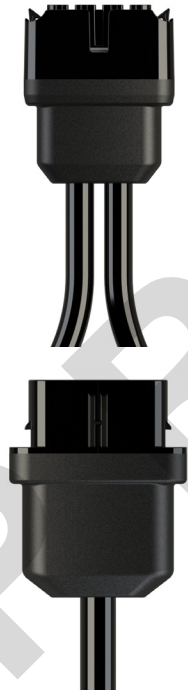


Enphase QD Cable Accessories

The **Enphase QD™ Cable** and accessories are integral parts of the Enphase small commercial solution for grid-tied, three-phase, 208V PV applications.

The QD Cable works with the Enphase IQ 8D™ Microinverter (one micro for two series-connected PV modules) and provides self phase balancing and neutral sensing.



High Power

- Supports IQ 8D Microinverter system with output power 640 VA @ 208 VAC
- Self phase balancing

Easy to Install

- Lightweight and simple for fast installation
- Two series connected modules per IQ8D microinverter
- Reduction in balance-of-system costs and installation time

Field-Wireable Connectors

- Easily connect QD cables on the roof without complex wiring
- Make connections from any open connector and center feed any section of cable within branch limits
- Available in male and female connector types
- UL listed (pending)

Enphase QD Cable and Accessories

CONDUCTOR SPECIFICATIONS







Certification	UL3003 (raw cable), UL 9703 (cable assemblies), DG cable
Flame test rating	FT4
Compliance	RoHS, OIL RES I, CE, UV resistant, combined UL for the United States
Conductor type	THHN/THWN-2 dry/wet
Disconnecting means	The AC and DC bulkhead connectors have been evaluated and approved by UL for use as the load-break disconnect required by NEC 690.

QD CABLE TYPES / ORDERING OPTIONS

Connectorized Models	Size / Max Nominal Voltage	Connector Spacing	PV Module Orientation	Connector Count per Box
QD-12-10-141	12 AWG / 277 VAC	1.3 m (4.2 ft)	Portrait	141
QD-12-20-159	12 AWG / 277 VAC	2.3 m (7.5 ft)	Landscape	159

ENPHASE QD CABLE ACCESSORIES

Name	Model Number	Description
Raw QD Cable	QD-12-RAW-300	300 meters of 12 AWG cable with no connectors
Field-wireable connector (male)	QD-CONN-10M	Make connections from any open connector
Field-wireable connector (female)	QD-CONN-10F	Make connections from any QD Cable open connector
Disconnect tool	QD-DISC-10	Disconnect tool for QD Cable connectors, DC connectors, and AC module mount
QD Cable sealing caps (female)	QD-SEAL-10	One needed to cover each unused connector on the cabling
Terminator	QD-TERM-10	Terminator for unused cable ends

 <p>FIELD WIREABLE CONNECTOR (M) Male field wireable AC connector with 25 male crimpable pins, sold in packs of ten (QD-CONN-10M)</p>	 <p>FIELD WIREABLE CONNECTOR (F) Female field wireable AC connector with 25 female crimpable pins, sold in packs of ten (QD-CONN-10F)</p>
 <p>TERMINATOR Terminator cap for unused cable ends, sold in packs of ten. Center feed requires two per branch. (QD-TERM-10)</p>	 <p>SEALING CAPS Female sealing caps for unused cable connections (QD-SEAL-10)</p>
 <p>DISCONNECT TOOL Plan to use at least one per installation, sold in packs of ten (QD-DISC-10)</p>	 <p>CABLE CLIP Used to fasten cabling to the racking or to secure looped cabling, sold in packs of one hundred (Q-CLIP-100)</p>

To learn more about Enphase offerings, visit enphase.com