



HiQ
Solar

HiQ Solar TrueString 480V Inverter CBL-480A-XX AC Whip Data Sheet



Features

- Designed and listed for use with the HiQ Solar TrueString 480V
- Available in a variety of lengths: 5, 15, 30, 50 ft.
- 5 conductor (three phases, neutral, and ground)
- 12 AWG stranded copper
- Wet environment, sunlight resistant, 90°C
- TC-ER-rated
- Cable outer diameter 1/2" (13mm)
- Can be cut to length
- Not listed for use with any other inverter





Ordering Guide		
Item	Part Number	Description
TrueString AC Cables	CBL-480A-05	TrueString 480V AC Cable, 5ft. Includes TrueString 480V AC mating connector, other end unterminated.
	CBL-480A-15	TrueString 480V AC Cable, 15ft. Includes TrueString 480V AC mating connector, other end unterminated.
	CBL-480A-30	TrueString 480V AC Cable, 30ft. Includes TrueString 480V AC mating connector, other end unterminated.
	CBL-480A-50	TrueString 480V AC Cable, 50ft. Includes TrueString 480V AC mating connector, other end unterminated.

Example Voltage Drops						
Length (feet)	AWG	Current (A)	Voltage (V)	Voltage Drop (V)	Voltage Drop (%)	Voltage at End (V)
5	12	9.6	277	0.076	0.027%	276.924
15				0.23	0.083%	276.77
30				0.46	0.17%	276.54
50				0.76	0.27%	276.24

480V 3-phase only



Any color to any phase

Outer jacket nominally 1/2" diameter

White to Neutral
Green to Equipment Ground

AC whip connector



Inverter connector

