



Series: **SPC-EXT**

Solar Power Extension Cables with MC4 Connectors

FEATURES & BENEFITS

Pre-built in Standard 10, 12 & 14 AWG Sizes

"Off-the-shelf" in 3, 6, 9, 12, 15, 20, 25 & 30' Lengths

Made from UL 4703 Certified PV Wire

M/F, M/M, F/F or M.F/Stripped End Models

Pins Are Crimped and Soldered for Extra Reliability

APPLACATIONS

Remote Solar Power Systems

Off-Grid Solar Installations



Pair Shown: SPC-EXT14-M-SL-6, SPC-EXT14-F-SL-6

DESCRIPTION

Cables are sunlight, ozone, UV and moisture resistant. They can be used for solar panel interconnection and also wiring from combiner box to the charge controller or inverter.

GENERAL SPECIFICATIONS

Max Operating Temperature: -40 to 194 °F (-40 to 90 °C)

Max Voltage: 600(UL)/1000(TUV)

Insulation Material: Cross-Linked Polyethylene

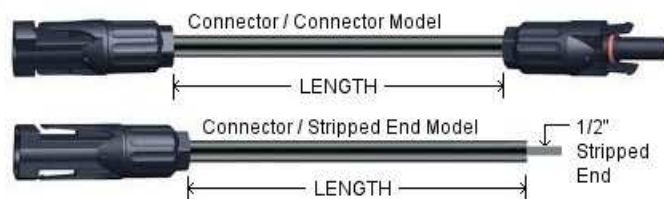
Jacket Material: Black Polyvinylchloride (PVC)

Assembly Protection Degree: IP67

Max Current: 30 Amps

Conductor: Single, Stranded, Tinned Copper

Type: 4703 (UL), RW90 (CSA)



Part Number	SPC-EXT10-[*]-[**]-[†]	SPC-EXT12-[*]-[**]-[†]	SPC-EXT14-[*]-[**]-[†]
Cable Size	10 AWG	12 AWG	14 AWG
Max Current	35 Amps	25 Amps	20 Amps
Nominal O.D. Inches (mm)	0.288 (7.32)	0.255 (6.48)	0.243 (6.17)

[*]For first termination insert "M" for male connector or "F" for female connector

[**]For second termination insert "M" for male connector or "F" for female connector, or "SL" for stripped end

[†]For length insert 3, 6, 9, 15, 20, 25 or 30 for feet

Example Part Number: SPC-EXT12-M-SL-6 (12 AWG, 6' long, with one male connector and one stripped end)

© 2012 :: Imagine Instruments LLC :: 7365 Main Street, #176 :: Stratford, CT 06614 :: p. (855)574-6243

e-mail: info@imagineinstruments.com :: www.imagineinstruments.com

Note: Continued product improvements make specifications subject to change without notice.
Check www.imagineinstruments.com for the latest product information and updates.

Released: 18 June, 2012 :: Rev: D