SOLAR EXTENSION CABLE

UNDERWATER ELECTRICAL DRY-MATE CONNECTORS

The solar cable, sometimes known as a 'PV Wire' or 'PV Cable' is the most important cable of any PV solar system. The solar panels generate electricity which has to be transferred elsewhere - this is where solar cables come in. Usually it is install with vareity types solar connectors ,Such as MC4 Connector , T/Y type Connector , Solar Diade Connector. Anderson Connector/-Clips/Ring terminal and So on .We call it as SOLAR EXTENSION CABLE .

APPLICATION

Apply to solar power station, pv connector and pv junction box.

strong
×
durable

OUR ADVANTAGES

EASY SOLUTIONS

ADAPTABILITY IS ONE OF OUR BEST QUALITESIT PERMIT US TO COPE WITH YOUR REQUE STON A SHORT NOTICE AND EFFEC TIVELY.

NO PRICE FIGHTS

WE ESCAPED THE OLASSICAL REBATE UNTILYOU DROP " POLICY . WE ARE PRICE WISE SINCETHE BEGINNING

HIGH LEVEL EXPERIENCE

QUR TECHNLAL CAPABILITIES HAVE BEENTESTED FOR MORE THAN 30 YEARS ANDIN-DRECT CONNECTION WITH END USERS . SO TOSAY

ENDLESS INVESTIGATION

WE CONTINUOUSY MEASURE EVERYTHINGTEST . TEST AND TESTAGAIN . THIS HELPS NUNDERSTAND RISKS AND REWARDS . ANDBEPREPARED

NO FORTUNE TELLER

WE BASE OUR DECISIONS ON CLEAR BUSIESSPLANS , THINKING BEFORE MAKING OUR STEPSAND KEEPIN-GA'NOTTODO LISTFOR EVERY-OVE OF THEM

TEAM BUILDING

OUR TEAMIS MADE NOT ONLY BY OUR STAFFBUTIT INCLUDES ALSO ALL OUR CUSTOMERSWEACT LIKEA TEAM WEGROW LKEA TEAMWE WINLIKE A TEAM

strong
×
durable

SOLAR EXTENSION CABLE

Solar Extension Cable 片端延長線

Function 用途

Photovoltaic system components extend in cable and junction box connected the cable to install the MC4 Connector.
太陽光発電システムでケーブルとジャンクションボックスのコンポーネントが延長することができます。

Standard Length 標準長さ

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m

Other length also can be supplied
他の長さを提供できます。

Solar Junction Cable 両端延長線

Function 用途

On both ends of the cable ,to install the MC4 Connector
ケーブルの両端にMC4コネクタを加工します。

Standard Length 標準長さ

10m	20m	30m	40m	50m	60m	70m	80m	90m	100m

Other length also can be supplied
他の長さを提供できます。

Solar Harness Cable for Solar System
太陽光発電システム用分岐ケーブル

Cable Function 用途

DC Solar Harness Cable Series is designed to simplify in-field module installations involving parallel-series configurations. IP67 branch cables take the labor out of stripping and crimping associated with making branch connections, reducing your labor cost and improving your worksmanship. Our DC Branch Cables come in 2 options: standard type and fuse type. With extensive customization covering all the branch connections you might need during the installations.
DCソーラー分岐ケーブルは、パラレルシリーズ構成を含むフィールド内モジュールの設置を簡素化するように設計されています。IP67分岐ケーブルは、分岐接続を作ることに関連するストリッピングとクリンピングから労力を取り除き、人件費を削減し、工夫を改善します。当社のDC分岐ケーブルには、標準タイプとヒューズタイプの2つのオプションがあります。インストール中に必要となる可能性があるすべてのブランチ接続を網羅した広範なカスタマイズが可能です。

Harness Cable Features ケーブル特性

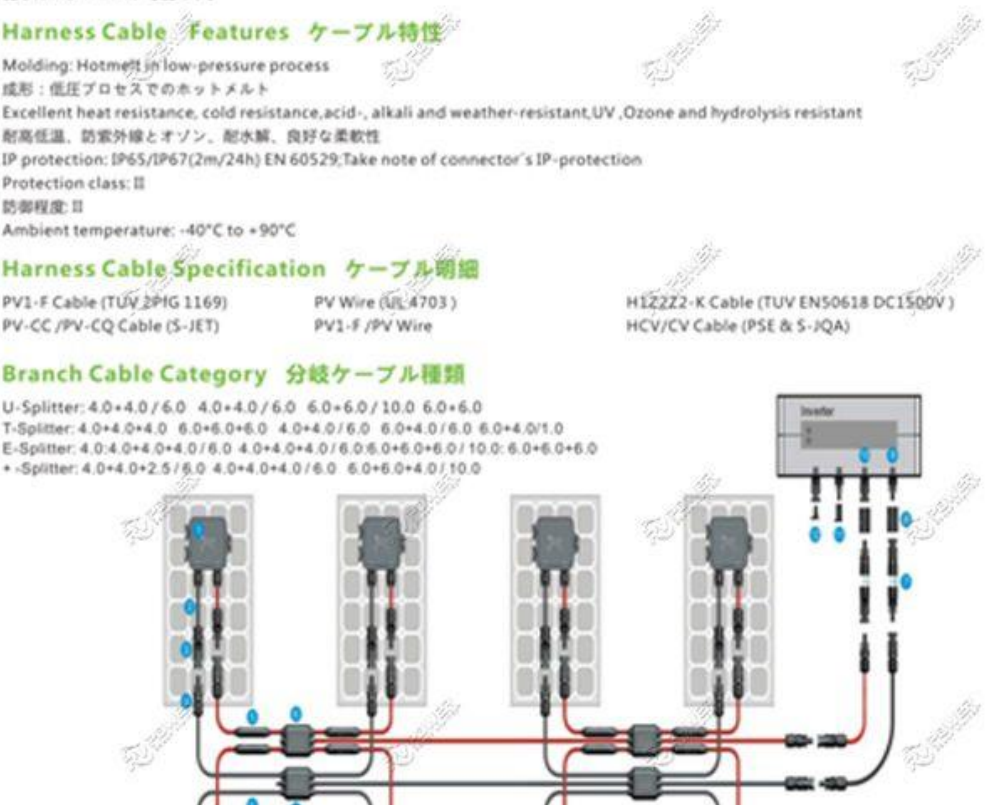
Molding: Hotmelt in low-pressure process
成形：低圧プロセスでのホットメルト
Excellent heat resistance, cold resistance,acid-, alkali and weather-resistant,UV ,Ozone and hydrolysis resistant
耐高低温、防紫外線とオゾン、耐水解、良好な柔軟性
IP protection: IP65/IP67(2m/24h) EN 60529;Take note of connector's IP-protection
Protection class: II
防御程度: II
Ambient temperature: -40°C to +90°C

Harness Cable Specification ケーブル明細

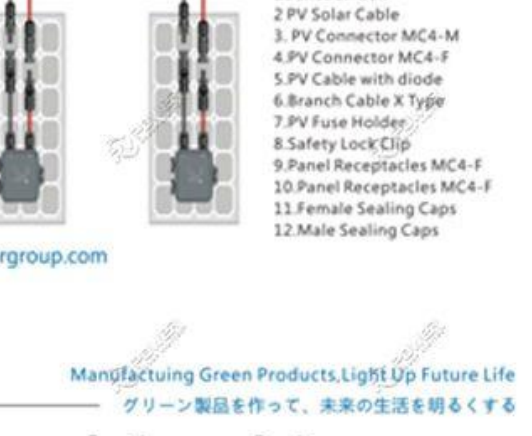
PV1-F Cable (TUV 2PfG 1169)
PV-CC /PV-CQ Cable (S-JET)
PV Wire (UL 4703)
PV1-F /PV Wire
H1Z2Z2-K Cable (TUV EN50618 DC1500V)
HCV/CV Cable (PSE & S-JQA)

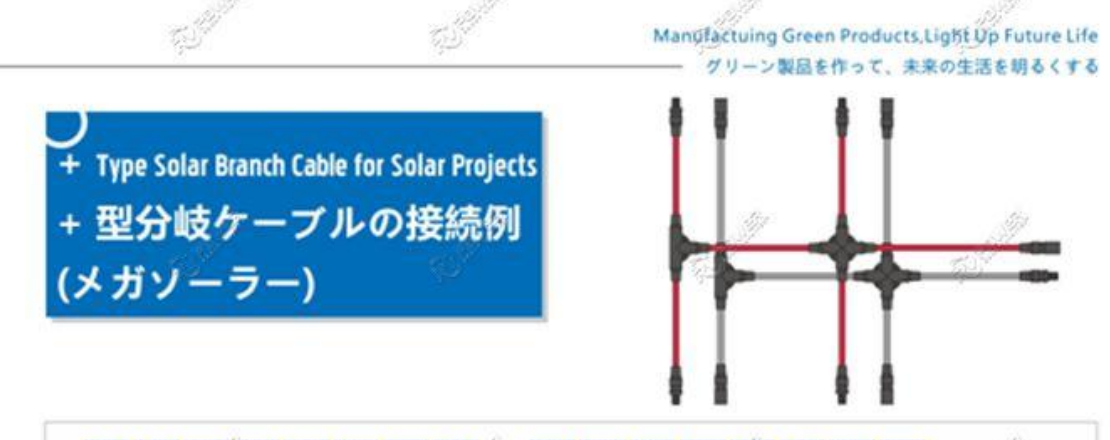
Branch Cable Category 分岐ケーブル種類

U-Splitter: 4.0+4.0 / 6.0 4.0+4.0 / 6.0 6.0+6.0 / 10.0 6.0+6.0
T-Splitter: 4.0+4.0+4.0 6.0+6.0+6.0 4.0+4.0 / 6.0 6.0+4.0 / 6.0 6.0+4.0 / 1.0
E-Splitter: 4.0:4.0+4.0+4.0 / 6.0 4.0+4.0+4.0 / 6.0:6.0+6.0+6.0 / 10.0: 6.0+6.0+6.0
+ -Splitter: 4.0+4.0+2.5 / 6.0 4.0+4.0+4.0 / 6.0 6.0+6.0+4.0 / 10.0



+ Type Solar Branch Cable for Solar Projects
+ 型分岐ケーブルの接続例(メガソーラー)

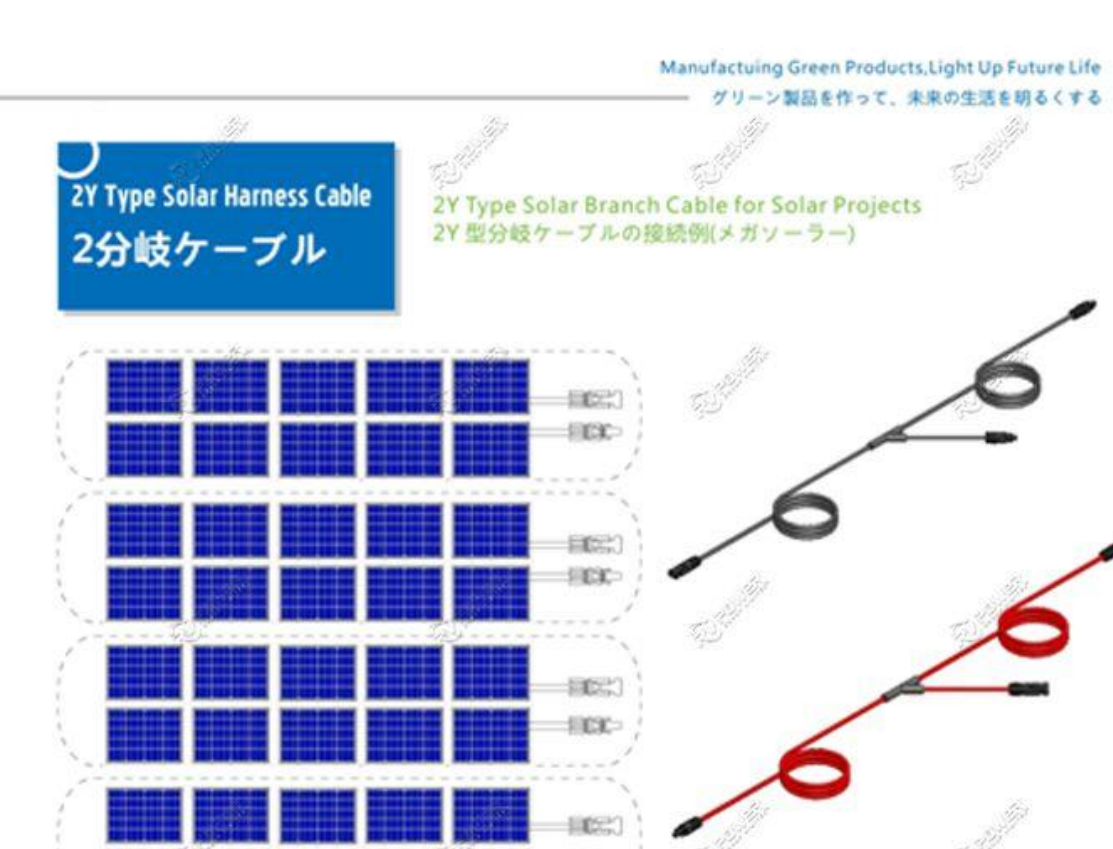




Technical Specification :		技術データー	
Rated Voltage:	DC 1000V/1500V	定格電圧:	直流 DC 1000V/1500V
Rated Current:	30A	定格電流:	30A
Test Volatage:	AC 6KV,(50HZ,1min)	テスト電圧:	AC 6KV,(50HZ,1min)
Ambient Temperature:	-40℃ upto +85℃(TUV) -40℃ upto +90℃(UL)	環境温度:	-40℃ upto +85℃(TUV) -40℃ upto +90℃(UL)
Degree of protection mated:	IP67(1h/m)	防御程度:	IP67(1h/m)
Unmated:	IP2X	タッチ保護:	IP2X
Contact resistance of plug connector:	1MΩ	コネクタの接触抵抗:	1MΩ
Safety Class:	II	安全レベル:	II
Contact Material:	Copper Alloy , Tin Plated	コネクタ材料:	銅合金、スズメッキ
Insulation Material:	PC/PA/PPO/PPE	絶縁材料:	PC/PA/PPO/PPE
Locking System:	スナップイン	ロックシステム:	Snap-in
Flame Class:	UL 94 V0	炎クラス:	UL 94 V0
Corrosion level test	IEC 60068-2-52	腐食レベル試験 :	IEC 60068-2-52
Cable Size and Length:	As Your Request	ケーブルサイズと長さ:	御社の要求によって

2Y Type Solar Harness Cable
2分岐ケーブル

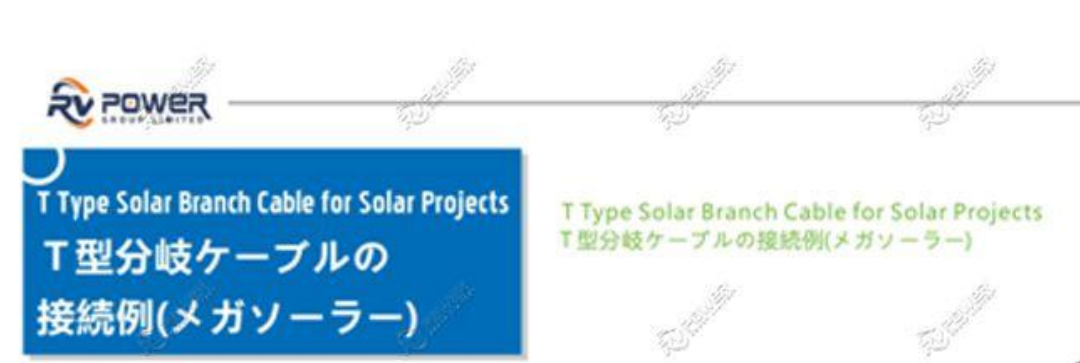
2Y Type Solar Branch Cable for Solar Projects
2Y 型分岐ケーブルの接続例(メガソーラー)



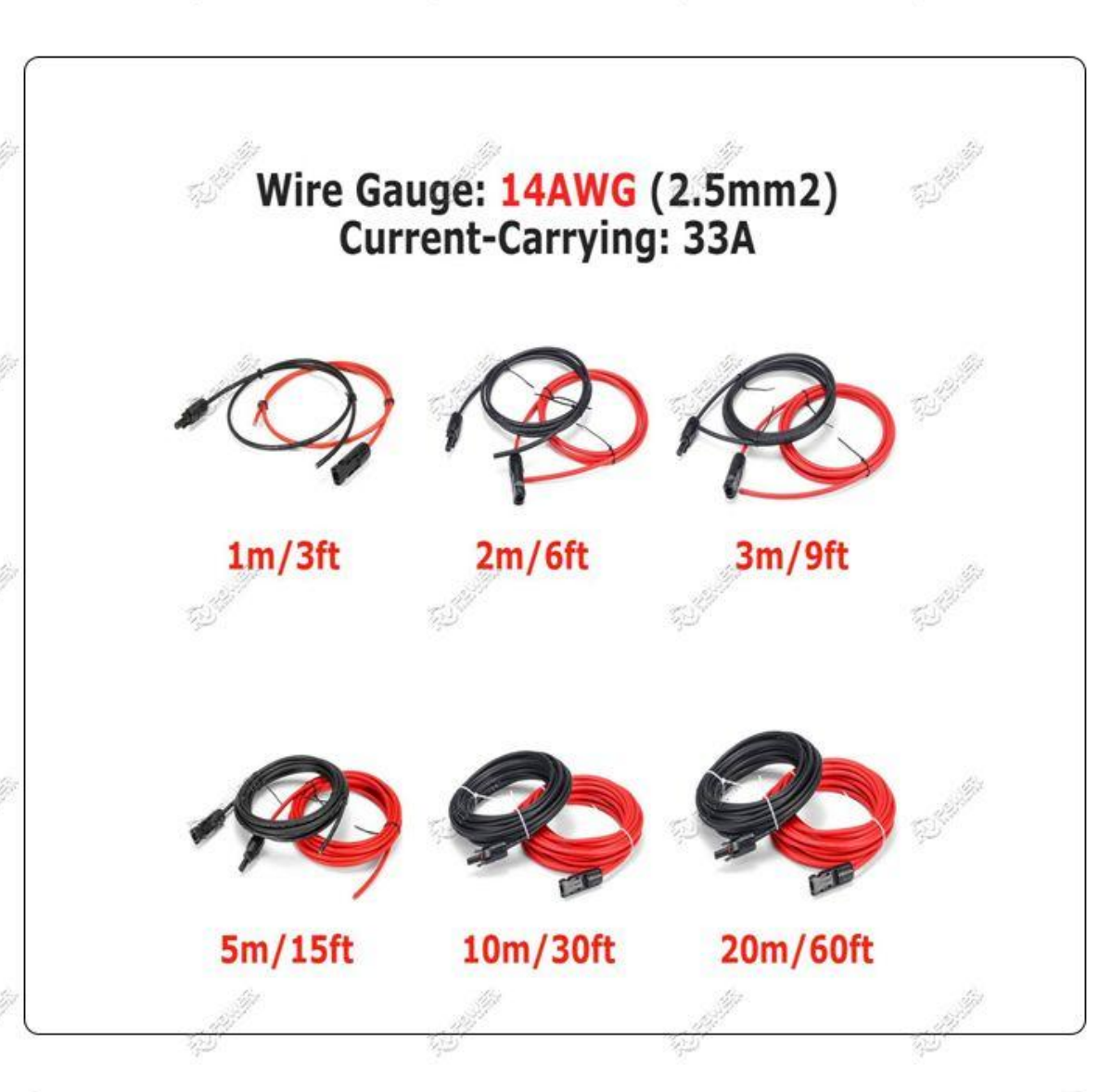
Technical Specification :		技術データー	
Rated Voltage:	DC 1000V/1500V	定格電圧:	直流 DC 1000V/1500V
Rated Current:	30A	定格電流:	30A
Test Volatage:	6KV,(50HZ,1min)	テスト電圧:	6KV,(50HZ,1min)
Ambient Temperature:	-40℃ upto +85℃(TUV) -40℃ upto +90℃(UL)	環境温度:	-40℃ upto +85℃(TUV) -40℃ upto +90℃(UL)
Degree of protection mated:	Ip67	防御程度:	IP67
Unmated:	IP2X	タッチ保護:	IP2X
Contact resistance of plug connector:	0.5mΩ	コネクタの接触抵抗:	0.5mΩ
Safety Class:	II	安全レベル:	II
Contact Material:	Copper Alloy , Tin Plated	コネクタ材料:	銅合金、スズメッキ
Insulation Material:	PC	絶縁材料:	PC
Locking System:	Snap-in	ロックシステム:	スナップイン
Flame Class:	UL 94 V0	炎クラス:	UL 94 V0
Cable Size and Length:	As Your Request	ケーブルサイズと長さ:	御社の要求によって

T Type Solar Branch Cable for Solar Projects
T型分岐ケーブルの接続例(メガソーラー)

T Type Solar Branch Cable for Solar Projects
T型分岐ケーブルの接続例(メガソーラー)

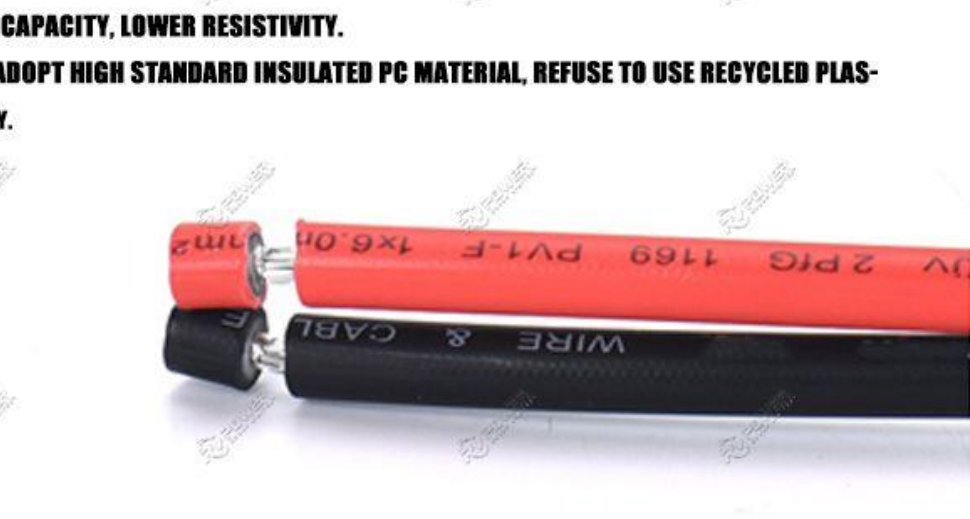


Technical Specification :		技術データー	
Rated Voltage:	DC 1000V/1500V	定格電圧:	直流 DC 1000V/1500V
Rated Current:	30A	定格電流:	30A
Test Volatage:	AC 6KV,(50HZ,1min)	テスト電圧:	AC 6KV,(50HZ,1min)
Ambient Temperature:	-40℃ upto +85℃(TUV) -40℃ upto +90℃(UL)	環境温度:	-40℃ upto +85℃(TUV) -40℃ upto +90℃(UL)
Degree of protection mated:	IP67(1h/m)	防御程度:	IP67(1h/m)
Unmated:	IP2X	タッチ保護:	IP2X
Contact resistance of plug connector:	1MΩ	コネクタの接触抵抗:	1MΩ
Safety Class:	II	安全レベル:	II
Contact Material:	Copper Alloy , Tin Plated	コネクタ材料:	銅合金、スズメッキ
Insulation Material:	PC/PA/PPO/PPE	絶縁材料:	PC/PA/PPO/PPE
Locking System:	スナップイン	ロックシステム:	Snap-in
Flame Class:	UL 94 V0	炎クラス:	UL 94 V0
Corrosion level test	IEC 60068-2-52	腐食レベル試験 :	IEC 60068-2-52
Cable Size and Length:	As Your Request	ケーブルサイズと長さ:	御社の要求によって



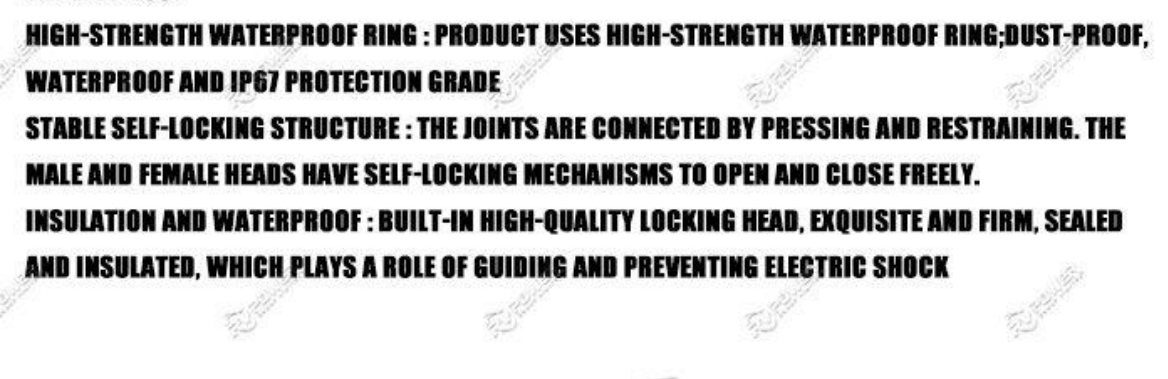
EXTENSION CABLE WITH ANDERSON CONNECTOR/CLIPS/RING TERMINAL 2.5/4/6MM2 30/45/60A PV WIRE FOR CAR BATTERY AND SOLAR PANEL CONNECT

INTRODUCTION
CONNECTOR FORM : ANDERSON PLUG(50A), MC4(30A/45A/45A),ALLIGATOR CLIPS,M8 RING TERMINAL
CABLE TYPE : DOUBLE INSULATION SOLAR CABLE
WIRE SPECIFICATIONS : 2.5MM²/4MM²/6MM²
RATED CURRENT: 28A/35A/45A
LENGTH : 0.3/1/2/3/5/10M
RATED VOLTAGE: 600V
WIRE MATERIAL: PC FLAME RETARDANT
CORE MATERIAL : OXYGEN-FREE PURE COPPER
USE SOLAR CABLE(2.5/4/6MM²)
OXYGEN-FREE PURE COPPER : HIGH-PURITY, ANTI-AGING, HIGH-CONDUCTIVITY, PURE COPPER, SUPER STRONG CURRENT LOAD CAPACITY, LOWER RESISTIVITY.
PC FLAME RETARDANT : ADOPT HIGH STANDARD INSULATED PC MATERIAL, REFUSE TO USE RECYCLED PLASTIC HAS GOOD FLEXIBILITY.



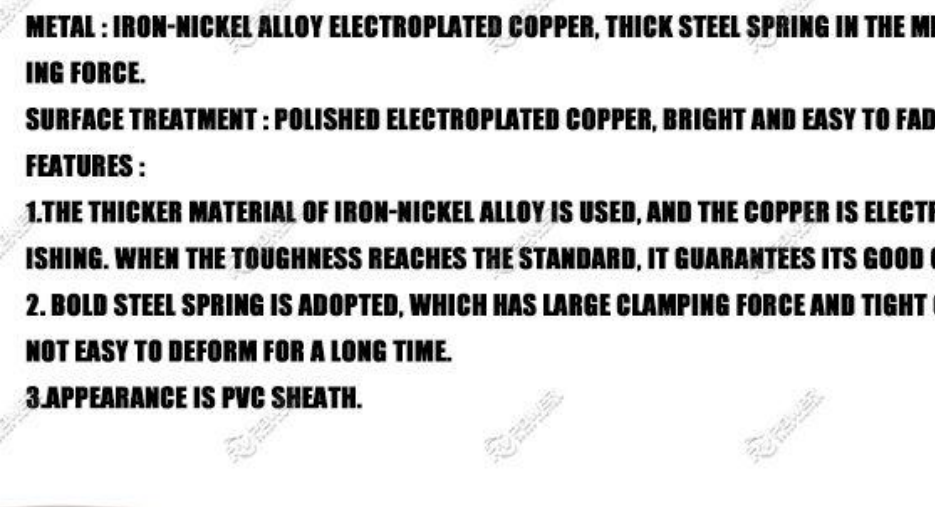
AD : ANDERSON BIPOLAR CONNECTOR(50A)
SHELL : THE SHELL IS MADE OF PCU94V0 FLAME RETARDANT MATERIAL AND STAINLESS STEEL SHRAPNEL DESIGN
TERMINAL : THE TERMINAL IS MADE OF COPPER SILVER-PLATED MATERIAL, WHICH HAS BETTER CONDUCTIVITY.

MC: SOLAR CONNECTOR(30A/30A/45A)
HOUSING : PC FLAME RETARDANT;HIGH HEAT RESISTANCE, WEAR RESISTANCE, POLLUTION RESISTANCE, STRONG TOUGHNESS
CORE : TINNED COPPER;OPEN TYPE, HIGH QUALITY MATERIAL, WEAR-RESISTANT, CORROSION-RESISTANT, PREVENT RUST
HIGH-STRENGTH WATERPROOF RING : PRODUCT USES HIGH-STRENGTH WATERPROOF RING;DUST-PROOF, WATERPROOF AND IP67 PROTECTION GRADE
STABLE SELF-LOCKING STRUCTURE : THE JOINTS ARE CONNECTED BY PRESSING AND RESTRAINING. THE MALE AND FEMALE HEADS HAVE SELF-LOCKING MECHANISMS TO OPEN AND CLOSE FREELY.
INSULATION AND WATERPROOF : BUILT-IN HIGH-QUALITY LOCKING HEAD, EXQUISITE AND FIRM, SEALED AND INSULATED, WHICH PLAYS A ROLE OF GUIDING AND PREVENTING ELECTRIC SHOCK

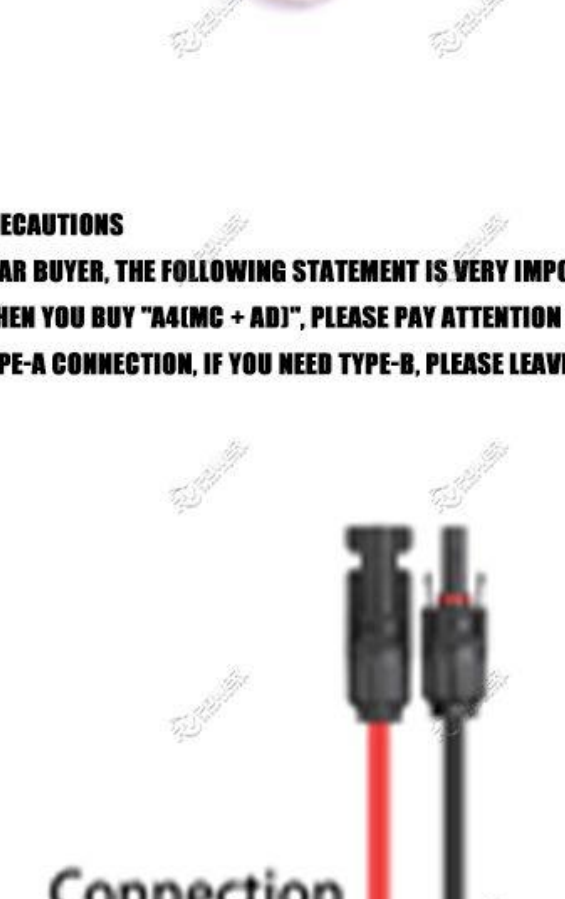


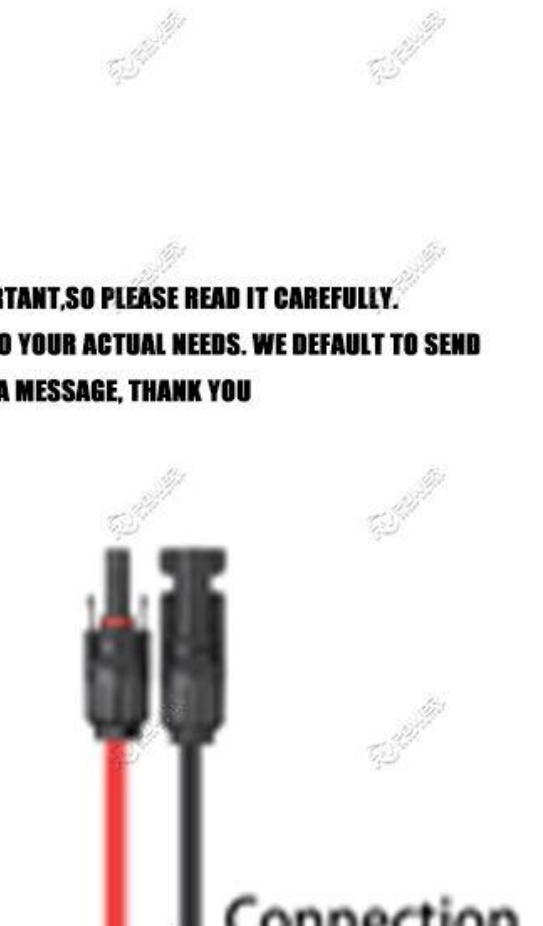
MR RING TERMINAL
TERMINAL : 99. %% PURE COPPER, ALSO KNOWN AS COPPER.
THE PURITY OF THE PRODUCT DIRECTLY AFFECTS THE CONDUCTIVE PROPERTIES, CONTACT RESISTANCE, ETC.
SURFACE TREATMENT : TIN PLATING (MATT, PROCESSED WITH IMPORTED PRODUCTS.) CAN BE CRIMPED OR WELDED
FEATURES : WELDING TREATMENT IN THE GAP. AFTER THE PRODUCTS WITHOUT WELDING ARE CRIMPED, THE GAP IS EASY TO SPREAD, SO THAT THE CRIMPING TENSION IS NOT ENOUGH OR THE COPPER WIRE EMERGES FROM THE GAP.

EY: ALLIGATOR CLIPS(BATTERY CLIP)
METAL : IRON-NICKEL ALLOY ELECTROPLATED COPPER, THICK STEEL SPRING IN THE MIDDLE, LARGE CLAMPING FORCE.
SURFACE TREATMENT : POLISHED ELECTROPLATED COPPER, BRIGHT AND EASY TO FADE.
FEATURES :
1.THE THICKER MATERIAL OF IRON-NICKEL ALLOY IS USED, AND THE COPPER IS ELECTROPLATED AFTER POLISHING. WHEN THE TOUGHNESS REACHES THE STANDARD, IT GUARANTEES ITS GOOD CONDUCTIVITY.
2. BOLD STEEL SPRING IS ADOPTED, WHICH HAS LARGE CLAMPING FORCE AND TIGHT CONTACT, AND IT IS NOT EASY TO DEFORM FOR A LONG TIME.
3.APPEARANCE IS PVC SHEATH.



PRECAUTIONS
DEAR BUYER, THE FOLLOWING STATEMENT IS VERY IMPORTANT,SO PLEASE READ IT CAREFULLY.
WHEN YOU BUY "A4(MC + AD)", PLEASE PAY ATTENTION TO YOUR ACTUAL NEEDS. WE DEFAULT TO SEND TYPE-A CONNECTION, IF YOU NEED TYPE-B, PLEASE LEAVE A MESSAGE, THANK YOU





strong
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durable

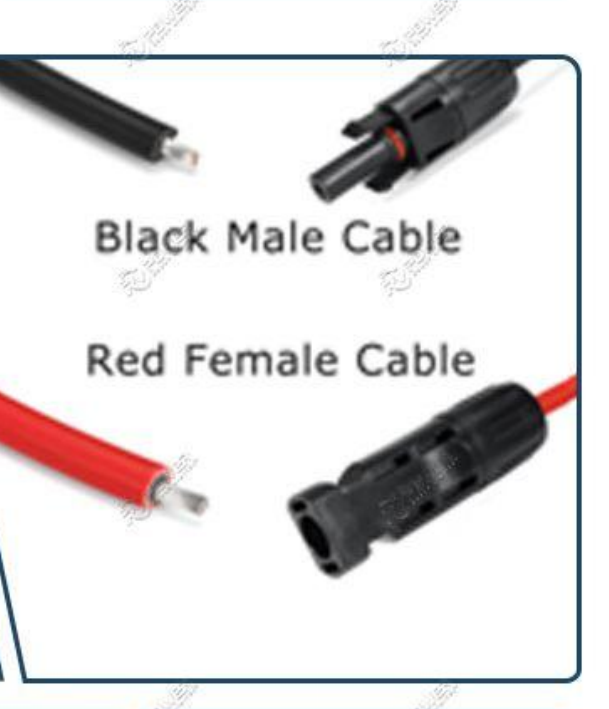
DETAIL DISPLAY

ONE

Excellent resistance to UV,water,ozone,fluids,salt,general weathering

TWO

Excellent resistance to abrasion Halogen free,flame retardant,low toxicity



THREE

Excellent flexibility and stripping performance

FOUR

High current carrying capacity

FIVE

Length: 1M 2M 3M 4M 5M 8M 10M 15M 20M for option

RV POWER GROUP LIMITE

OIL RESISTANT	FLAE RESISTANT
HALOGEN FREE	COLD RESISTANT
ABRASION RESISTANT	OZONE RESISTANT
UV RESISTANT	MICROBE RESISTANT
MUD RESISTANT	WATER RESISTANT