



Hunan Willone New Energy Co., Ltd

www.willonesolar.com



Solar Connector Series



Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Item No.	WL-MC4
Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Item No.	WL-MC4A
Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Rating Current	80A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Item No.	WL-MC4P
Usage	Solar panel connector
Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Item No.	WL-MC4T2
Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Connector Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Cable Diameter	2.5mm ² ~6mm ²
Cable Conductor	Stranded tinned copper
Cable Length	As your requirement
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Connector Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Cable Diameter	2.5mm ² ~6mm ²
Cable Conductor	Stranded tinned copper
Cable Insulation	XLPE
Cable Length	As your requirement
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Connector Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Cable Diameter	2.5mm ² ~6mm ²
Cable Conductor	Stranded tinned copper
Cable Insulation	XLPE
Cable Length	As your requirement
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Connector Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Cable Diameter	2.5mm ² ~6mm ²
Cable Conductor	Stranded tinned copper
Cable Insulation	XLPE
Cable Length	As your requirement
Rating Current	30A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0



Insulation material	PPO
Contact material	Copper tin plated
Rated voltage	1000v(TUV) 600v(UL)
Rating Current	1A~15A
Pin Dimension	Φ4mm
Protection Degree	IP67
Safety Class	II
Temperature Range	-40° C~+90° C
Flame class	UL94-V0

Solar Cable Series



Conductor: Stranded tinned copper

Insulation: XLPE

UV resistant

Item	Unit	Technical parameter			
Rated temperature	°C	-40~+90			
Max. conductor temperature	°C	120			
Rated Rating	Ac/dc(kv)	0.6~1.0/1.8			
Cable Core	NO	1			
Cross-Section Area	mm ²	2.5	4.0	6.0	10
Number/ Diameter of wires	No./mm	51/0.25	52/0.30	52/0.30	84/0.30
Thickness of the Insulation	mm	≥0.5	≥0.5	≥0.5	≥0.5
Thickness of the Sheath	mm	≥0.5	≥0.5	≥0.5	≥0.5
Outer Dia./Round	mm	5.2±0.1	6.0±0.1	6.0±0.1	8.0±0.1
Conductor resistance (20 °C)	Ω/km	≤8.21	≤5.09	≤5.09	≤1.91
Voltage test on completed cable	kV/min	6.5/5 No break down			

High Wear & Abrasion Resistance



Conductor: Stranded tinned copper

Insulation: XLPE

UV resistant

Item	Unit	Technical parameter			
Rated temperature	°C	-40~+90			
Max. conductor temperature	°C	120			
Rated Rating	Ac/dc(kv)	0.6~1.0/1.8			
Cable Core	NO	2			
Cross-Section Area	mm ²	2.5	4.0	6.0	10
Number/ Diameter of wires	No./mm	2*50/0.25	2*56/0.3	2*84/0.3	2*84/0.3
Thickness of the Insulation	mm	≥0.5	≥0.5	≥0.5	≥0.5
Thickness of the Sheath	mm	≥0.5	≥0.5	≥0.5	≥0.5
Outer Dia./Round	mm	5.2±0.1	6.0±0.1	6.0±0.1	8.0±0.1
Conductor resistance (20 °C)	Ω/km	≤8.21	≤5.09	≤5.09	≤1.91
Voltage test on completed cable	kV/min	6.5/5 No break down			

Cable Clip Series

willone



WL-CC-1

willone



WL-CC-2

willone



WL-CC-3

willone



WL-CC-4

willone



WL-CC-5

willone



WL-CC-5

Company Instruction

Hunan Willone New Energy Co., Ltd is a manufacturer of Solar power systems related products. Located at Chinese industrial town Zhuzhou.

Its main products includes solar connector, solar cable, cable clips etc.

With the advantage of experienced factory and technical team, as well as the manager's good brand awareness, Willone's products have passed TUV, UL certifications, exported to over 30 countries and get a very good reputation.

Now Willone New Energy has established long-term cooperating relationship with several big solar EPC enterprises. And we believe you will be the next one.



Contact Us

Tel: +86-731-28810677

Fax: +86-731-28810677

Email: info@willone.cn

Add.: No.2107 First Building, Yintai Fortune Plaza, Hetang District, Zhuzhou, Hunan 412000, China.