

PV DC Cable

Application Scope

A high-performance connection solution designed specifically for photovoltaic equipment (such as combiner boxes and inverters). It features dual-layer shock-hazard protection for under-load mating and unmating, supports rapid assembly, and offers excellent vibration resistance.

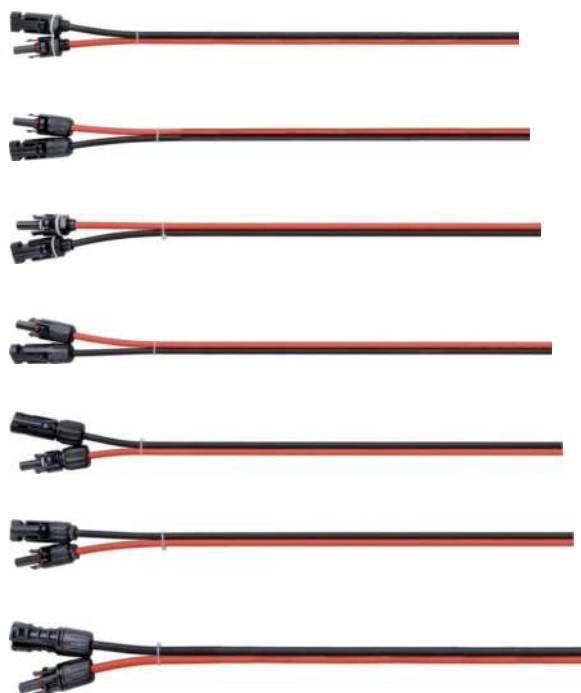
Built for rugged durability, it features an IP67-rated design that is resistant to rain, moisture, and dust.

Constructed from high-quality materials resistant to heat, wear, and corrosion, and utilizing thickened copper cores, it ensures efficient conductivity and exceptional durability.

Technical Parameters

Connector system	Φ4mm
Rated voltage	1000V DC
Rated current	30A
Test voltage	6kV(50Hz,1min.)
Temperature Range	-40°C~+90°C(IEC) -40°C~+75°C(UL)
Upper Temperature Limit	+105°C(IEC)
Degree of protection,mated	IP67
unmated	IP2X
Contact resistance of plug connectors	0.5mΩ
Safety class	II
Contact material	Messing,verzinnt Copper Alloy,tin plated
Insulation material	PC/PA
Locking system	Snap-in
Flams class	UL-94-V0
Salt mist spray test,degree of severity 5	IEC60068-2-52

2.5m² 14AWM,4m²,6m²
12AWM,10AWM PV MDC Cable



2.5m², 4m², 6m² PV MDC Cable
Extension cord processing customization

