

Solar Extension Cable



01 | DETAILS:

Kuka solar extension cables belong to the solar pre-assembled cable range, designed for safely and easily connecting solar PV modules, inverters, or solar power plant systems in series or parallel. They are suitable for 4-10mm² solar cables and certified to TUV/UL/IEC/CE standards. Used as flexible components in solar systems, they improve installation efficiency and easily solve issues like cable shortages or incorrect positioning in complex project scenarios, ensuring consistent current stability.

PARAMETER			
Nominal cross section	12AWG(4mm ²)	10AWG(6mm ²)	8AWG(10mm ²)
Standard	EN 50618/ IEC62930		
Conductor	Tinned Copper		
Insulation	Double XLPO		
Rated Current	35A	40A	50A
Rated Voltage	1000-1500V DC		
Waterproof Level	IP68		
Flame Retardant	UL94-V0		
Operating Temp	-40℃ to +90℃		
Length	Customized		
MC4 Connector Brand	Kuka Connector / Staubli (Original MC4 or Evo2)		
Expected Service Life	25 years		
scope of delivery	1 Pair = 2 pcs (1 red + 1 black)		