

Technical specification for Solar Extension cable

Ref. No		Solar Extension Cable Connector		Photo (The pictures are for reference only and subject to actual conditions.)			
Type		DC-DC (Double Ends)					
DC SOLAR PV CABLE							
Standard	—	TÜV/ EN50618:2014					
Cross Section	mm²	4mm²					
Construction Tinned copper wire	mm	56x0.285 (±0.015)					
Cable Od.	mm	5.6±0.2					
Jacket Material	—	125℃ Electron-beam Irradiated XLPO					
Cable Color	Male	Red					
	Female	Black					
Cable Length	m	customized					
Connector				Electrical Characteristics			
Type	—	PV004-EN		Rated Voltage: 1000V/1500V DC			
Insulation Material	—	PC EXL9330		Rated Current: 30A			
Contact materials		Tin plated copper		Protection Degree: IP67			
Number	Pair	2		Contact Resistance: ≤0.5mΩ			
Type of termination	—	Crimping		Ambient Temperature: -40℃~+90℃			
Inspection items				Flame Class: UL94V-O			
Facade	Surface should be clean and smooth,without scratches, burr and deformation.			Product features			
Conduction	Whether the connection between the positive and negative terminals of the connector is conduction.						
Assembly	When assembling, both sides of the buckle can be stuck in place, insertion force ≤50N, pulling force ≥50N						
Packing specification				4、Apply to high current, high voltlage, with low contact resistance, waterproof and dustproof design			
Packaging as required				APPROVED	CHECKED	DESIGNE	DDATE
Add: No.1, North of Zhongyi Avenue, Gulin Town, Haishu District, Ningbo, China 315100							