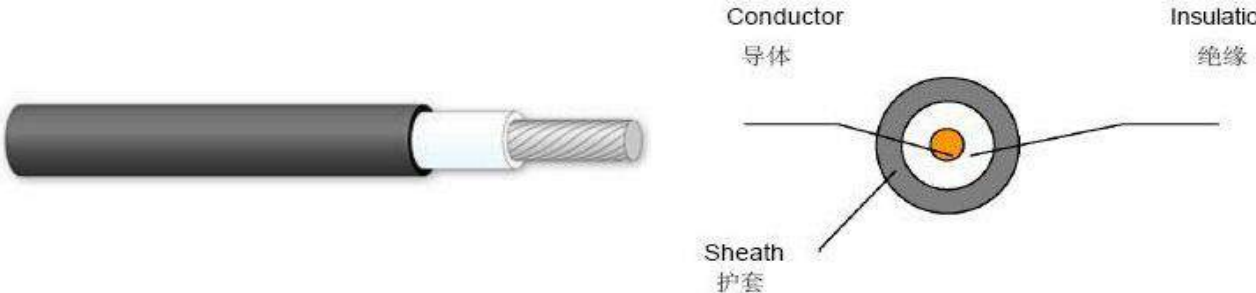



Solar Cable TUV4mm²-UL12AWG

	TUV-4mm-A	TUV-4mm-B	UL-12AWG-A/S	UL-12AWG-B
Construction & Dimensions				
Conductor	Stranded Tinned Copper*			
Nom.Size	4mm ²		12AWG	
Single Wire diameter	0.30±0.015mm	0.30±0.015mm	0.30±0.015mm	0.30±0.015mm
Nom.Diameter	2.52mm	2.49mm	2.34mm	2.34mm
Stranding	56/0.3	52/0.3	46/0.3	46/0.3
Insulation	XLPE**			
Nom.Thickness	1.23mm	0.65mm	1.52mm	1.14mm
Colour	White (RAL 9003)	White or Black	Optional	White or Black
Jacket	XLPE			
Nom.Thickness	0.60mm	0.95mm	0.76mm	0.76mm
Colour	Black (RAL 9005)	Black	Black	Black
Cable.O.D	6.20mm	5.71mm	6.9mm	6.14mm
*	Green Technology High Performance Conductors, Flexible Design Low Resistance			
**	Cross-linked Polyolefin Insulation Excellent Physical & Chemical Properties			
Electrical Characteristics(at+20°C)				
AC Voltage rating	1KV	0.6KV	1KV/2KV	0.6KV
DC Voltage rating	1.8KV	1.8KV	/	
Spark test	10KV(No breaking)		7.5KV/10KV	7.5KV
Voltage withstand	6.5KV/5min(No breaking)			
Insulation resistance	≥ 1000 MΩ.km			
Mechanical Environmental & Overall Characteristics				
Shrinkage test	≤2%			
Cold bending	no cracks			
Cold impact	no cracks			
Flammability	IEC60332-1		VW-1	
Produce				
				
Marking				
Marking	TUV 2PFG 1169 4mm ² PV1-F WIRE ROHS & LSZH		12AWG E331483 (UL) PV WIRE 90°C WET or DRY (1000/2000/600)V SUN RES -40°C	
Descriptions				
<p>Halogen Free Photovoltaic Cables are used as interconnecting Wiring for Photovoltaic Power Systems. New Design with Lean Construction, More Flexible, lighter weight, Portable and Environmental Protection. IEC60228, IEC 60332-1, IEC 60754, IEC 60811, IEC 61034, IEC 61215 TUV 2PFG 1169/08.2007, RoHS 2002/95/EC</p> 			<p>Cross-linked Polyolefin Insulation & Jacket Photovoltaic Cables are used as interconnecting Wiring for Photovoltaic Power Systems. New Design with Lean Construction, More Flexible, Portable and Environmental Protection. UL 1581, UL Sub. 1703, UL 854, UL 4703 Type PV RoHS 2002/95/EC</p> 