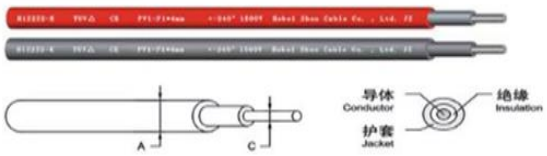
PV CABLE DATASHEET			
Ref.No	PV Cable 1x4mm2		Stucture
Standard	EN 50618:2014		
Conductor			
cross-sectional area	mm2	4mm2	
structure	mm2	56*0.29(±0.015)	
Material		Tinned copper wire	
cross-sectional area	mm2	2.35	
Insulation			Electrical properties
Material		125C Electron-Beam Irradiater XLPO	AC Uo/U1.0/1.kv DC1.5KV
Average	mm	0.75	Conductor DC resistance: (Ω/KM)5.09Ω/km Max at 20C
Min Thickness	mm	0.55	Temp. -40℃ ~ +90℃
Outer Dia	mm	4.6(±0.1)	Max temp. 120℃
Color			Lifespan: 25 years
Insulation Jacket			Physical properties
Material		125C Electron-Beam Irradiater XLPO	Elongation of unaged value (%)≥125%
Average	mm	0.8	Unaged tensile strength (N/mm2); 6.5&8.5
Min Thickness	mm	0.58	Aging in fully ventilated circulating air oven: 1 50+2.0°C/168h
Outer Dia	mm	6.2(±0.2)	Elongation after aging: ≤30%
Color	Black/Red/Grey/Brown		Tensile strength after aging: ≤30%
Content			Bending radius: ≥4x<q(D<8mm)≥6xφ (D≥ 8mm)
H1Z2Z2-K TUR CE PV1-F1*4MM+-240°1500V HEBEI SHEN CABLE CO LTD JZ			Cold bending test: EN60811 -1-4 (-40+ 2C"16h without cracking)
Packing			Cold impact test:-(40*C*16h/1000g; 100mm without cracking)
100M/roll, 200M/roll, 500M/roll, 1000M/drum, 2500M/drum, 5000m/drum			Flame retardant test: EN60332-1-2