

## Photovoltaic Ribbon



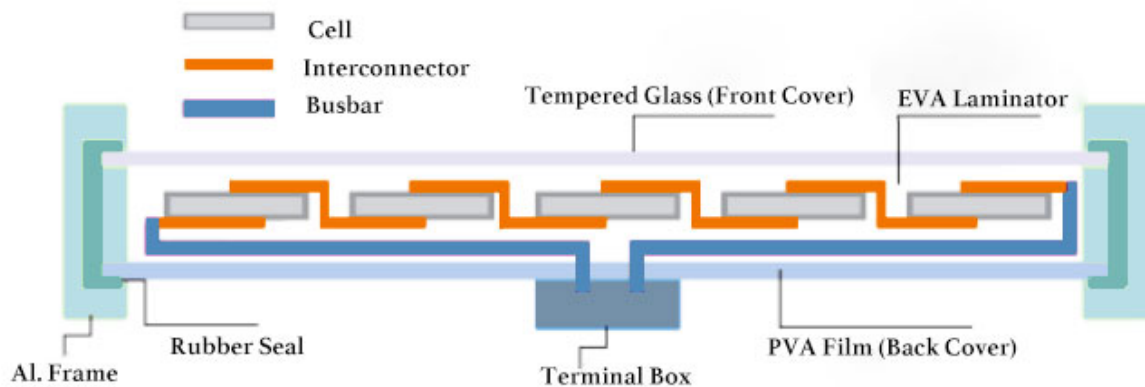
Photovoltaic ribbon, also known as PV ribbon, tinned copper ribbon or tinned copper tape, is divided into busbar and interconnection ribbon, which is applied to the connection between PV module cells and plays an important role in conducting and gathering electricity.

Raytron provides tinned oxygen-free copper ( Min 100%IACS) and copper-clad aluminum ( Min 60%IACS) ribbon wire with ultra-low yield strength and burr-free edges.

Standard PV Ribbon Specification	
Base material	CU/AL/CCA
Dimension copper substrate	width: 1~3 ±0.1 mm thickness: 0.07~0.5 ±0.01 mm
Coating quality	Hot dip tinned
Coating alloy	Sn60Pb40 & Sn100
Coating thickness	15 - 25 μm
Mechanical properties	Rm: min. 150 Mpa Rp0,2: max. 110 Mpa A: min. 25 %
Package	In roll:DIN250, DIN355/Cut to length



Standard PV Busbar Specification	
Base material	CU/AL/CCA
Dimension copper substrate	width: 3~10 ±0.1 mm thickness: 0.07~0.5 ±0.01 mm
Coating quality	hot dip tinned
Coating alloy	Sn60Pb40 & Sn100
Coating thickness	15 - 25 μm
Mechanical properties	Rm: min. 150 Mpa Rp0,2: max. 110 Mpa A: min. 25 %
Package	In roll:DIN250, DIN355/Cut to length



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