

## FLAT INTERCONNECTOR



### Key Features

- Tin coated ribbon.
- Collecting and transmitting the current generated by the photovoltaic cells.



### Specifications

Material	ETP-CU	Cu > 99.95%
	OF-CU	Cu+Ag > 99.97%
Dimension	Thickness	0.03~0.4±0.01 mm
	Width	0.5~1.8±0.1 mm
Mechanical Properties	Tensile Strength [MPa]	150~270
	Elongation [%]	≥ 20
	Yield Strength [MPa]	55~70
	Resistivity [ $\Omega$ *mm <sup>2</sup> /m]	≤ 0.023
	Camber[mm/180mm]	≤ 1.5
Coating	Coating Alloy	Sn60Pb40 & Sn100
	Single Coating Thickness	0.020±0.005 mm

# ROUND INTERCONNECTOR



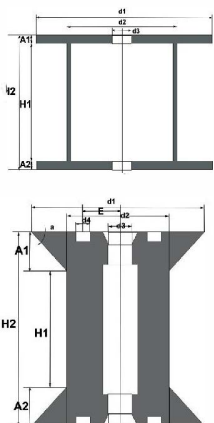
## Key Features

- Smaller contact area.
- Reduce the shadowing loss with traditional rectangular ribbons.
- High contribution to photovoltaic conversion and output efficiency.



## Specifications

Material	ETP-CU	Cu > 99.95%
	OF-CU	Cu+Ag > 99.97%
Dimension	Diameter	0.23~0.37±0.01 mm
Mechanical Properties	Tensile Strength [MPa]	≥ 150
	Elongation [%]	≥ 25
	Yield Strength [MPa]	58~70
	Resistivity [ $\Omega$ *mm <sup>2</sup> /m]	≤ 0.021
	Camber[mn <sup>2</sup> /180mm]	≤ 1.5
Coating	Coating Alloy	Sn60Pb40 & Sn100
	Thickness	0.015±0.005 mm



## PC-160H

Loading Capacity(Kg)		5Kg	
d1/D1(mm)	160	d2/D2(mm)	92
H1(mm)	102	H2(mm)	122
A1(mm)	10	A2(mm)	10
d3(mm)	16.5	d4(mm)	/
E(mm)	/		

## HK160/45

Loading Capacity(Kg)		8Kg	
d1/D1(mm)	160	d2/D2(mm)	90
H1(mm)	85	H2(mm)	160
A1(mm)	37.5	A2(mm)	37.5
d3(mm)	22	d4(mm)	13
E(mm)	32		

# STANDARD PV BUSBAR



## Key Features

- Solder coated ribbon.
- Converging and transmitting current from photovoltaic strings to junction boxes.

# BIPV BLACK BUSBAR



## Key Features

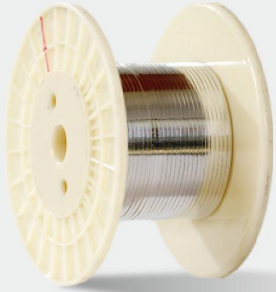
- Increase the aesthetics of PV modules.
- No additional complex covering or painting processes.
- No extra cost.



## Specifications

Material	ETP-CU	Cu > 99.95%
	OF-CU	Cu+Ag>99.97%
Dimension	Thickness	0.07~0.5 ±0.01 mm
	Width	3~10 ±0.1 mm
Mechanical Properties	Tensile Strength [MPa]	150~270
	Elongation [%]	≥ 25
	Yield Strength [MPa]	≤ 110
	Resistivity [ $\Omega$ *mm <sup>2</sup> /m]	≤ 0.024
	Camber[mm/1000mm]	≤ 8
Coating	Coating Alloy	Sn60Pb40 & Sn100
	Single Coating Thickness	0.020±0.005mm

# LIGHT REFLECTIVE BUSBAR



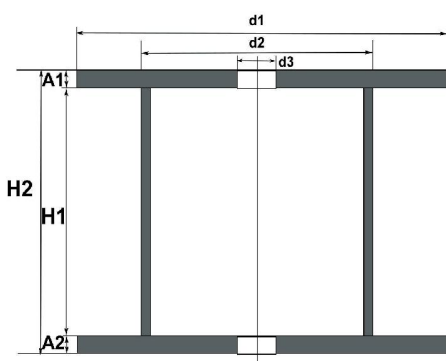
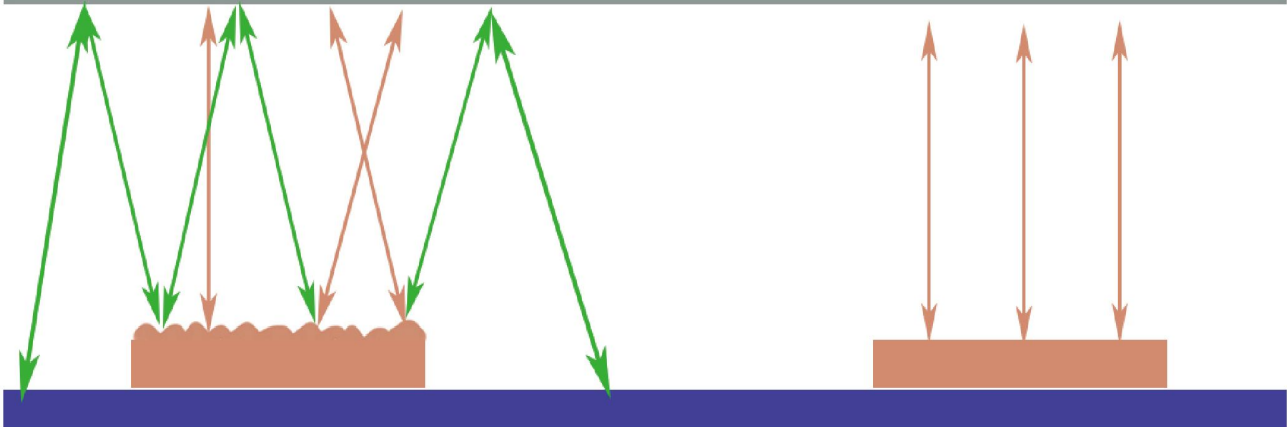
## Key Features

☉ Improve the light reflectivity of the solar cell surface.

💡 Improve the efficiency of solar modules by 0.2% ~ 0.3%.

Light Reflective Busbar

Traditional Flat Busbar



## P-10C

Loading Capacity(Kg)		15Kg	
d1/D1(mm)	200	d2/D2(mm)	90
H1(mm)	110	H2(mm)	134
A1(mm)	12	A2(mm)	12
d3(mm)	25	d4(mm)	/
E(mm)	/		

### Factory in China

📍 6-1 Haipo Ave, Fengqiao, Zhuji, Zhejiang, P.R.China

👤 Sales Manager:

Nick Guo

☎ +86-186-575-362-77

✉ nick@raytron.group

### Sales Office for Europe

📍 64 Pinhas Rutenberg St, Ramat Gan, Israel 5227502

👤 Sales Representative:

Medini Ltd

☎ +972-3-5059-776

✉ medini@raytron.group

### Sales Office for South America

📍 399 Barbara Heliodora St, Suite 509, GV, MG, Brasil. 35010-040

👤 Sales Representative:

Bruno Lana Coelho

☎ +55-31-984-772-009

✉ bruno@raytron.group

### Sales Office for Turkey

📍 Yenidoğan Mh. İstanbul Cd. 608.Sk. No.:7 Merkez/KIRIKKALE

👤 Sales Representative:

Ercan ÖZTÜRK

☎ +90 544 223 61 75

✉ ercan@raytron.group