

SUPERLINE L USB PU COLLECTOR

Superline L USB collectors are manufactured with high quality conditions, contains sputtered blue high selective copper absorber surface to get the best performance under poor solar radiations.

Information About;

Absorber: *High Performance Selective Coated Copper Surface with Copper Tubes*

Front Cover: *Tempered Low-Iron Solar Glass with high transmittance*

Frame: *Electrostatic Powder Coated Aluminium Extrusion Profiles*

Insulation: *Polyurethane Foam + Aluminium Foil*

Technical Specifications	Values
Dimensions	1891*1204*99 mm
Gross Area	2,28 m ²
Aperture Area	2,16 m ²
Absorber Area	2,10 m ²
Frame Material	Electrostatic Powder Coated Aluminium Frame
Sealing & Gasket Material	EPDM
Absorber Material	Blue Selective Coated Copper
Absorbance	97 %
Emittance	3%
Welding Type	Ultrasonic Welding
Heat Transfer Fluid Volume	1,49 lt
Header Tubes Material	22 mm
Header Tubes Thickness	0,80 mm
Number of Header Tubes	2
Riser Tubes	10
Riser Tubes Material	Copper
Riser Tubes Diameter	8 mm
Riser Tubes Thickness	0,40 mm
Cover Material	Solar Tempered Glass
Cover Thickness	4 mm
Transmittance of the Cover	91 %
Insulation Material	Polyurethane
Maximum Operation Pressure	9 Bar
Test Pressure	13,5 Bar
Weight	41kg (without heat transfer liquid)

