

SUPERLINE XL USB PU COLLECTOR

Superline XL 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	2310*1204*99 mm
Gross Area	2,78 m ²
Aperture Area	2,65 m ²
Absorber Area	2,56 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	1,65 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 / Mineral Wool
Maximum Operation Pressure	9 Bar
Test Pressure	13,5 Bar
Weight	41kg (without heat transfer liquid)