Himin heat pipe solar collector technical data

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| Manifold (interior) | Copper with purity of 99.7%, thickness of 1mm, and passivation of corrosion treatment |
| Manifold (exterior) | Aluminum, double anticorrosive coating |
| Glass tube | 58mm×1.8m |
| Absorptance 0.94-0.96 |
| Emittance 0.03-0.06 |
| Vacuum P≤5.2×10-4Pa |
| Stagnation temperature 270~350℃ |
| condenser | Diameter 14mm |
| Daily efficiency | ≥60% (≥45% in winter) |
| Hail resistance | 25mm |
| Max pressure | 1.2MPa |
| coating | ALN/AIN-SS/CU |
| Anti-freezing | >35℃ |