

**Note:**

**The OEM supplier M/A-Com provides two designs of external casing.  
Pictures 1 to 3 are design 1, and Picture 4 is the design 2.**

**The thermal resistance with a solar load of [design 1](#) is 1.50 C/W.  
And the thermal resistance with a solar load of [design 2](#) is 1.24 C/W, representing a  
0.26 C/W improvement.**

**By engineering judgement, the frequency stability test was performed with the  
casing as design 1, which we believe it has the worse test result.**

**1. [Design 1](#)**





38 GHz UNIT WITH BRACKET, SOLAR SHIELD & THERMAL PLATE



## 1. Design 2

