



IP RATING CHART


IP ratings are represented by combining the first and second digits of the following columns.
See example below.

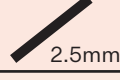
1st Digit - SOLID

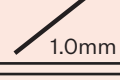
Degree of protection against solid objects.


0 No protection 


1 Protected against a solid object greater than 50mm, such as hand. 

2 Protected against a solid object greater than 12.5mm, such as finger. 

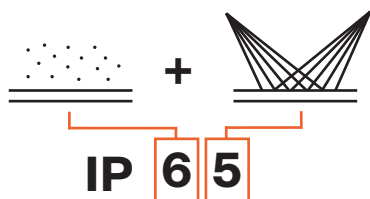
3 Protected against a solid object greater than 2.5mm, such as a wire. 

4 Protected against a solid object greater than 1.0mm, such as a thin strap. 

5 Dust protected. Prevents ingress of dust sufficient to cause harm. 

6 Dust tight. No ingress of dust. 

Example:





6. Dust tight. No ingress of dust.


5. Protected against water jets from any angle.


2nd Digit - LIQUID


Degree of protection against water.


0 No protection 


1 Protected against water drops. 


2 Protected against water drops at a 15 degree angle. 

3 Protected against water spray at 60 degree angle. 

4 Protected against water splashing from any angle. 

5 Protected against water jets from any angle. 

6 Protected against powerful water jets and heavy seas. 

7 Protected against the effects of temporary submersion in water (30 mins at 3 feet) 

8 Protected against the effects of permanent submersion in water (up to 13 feet) 