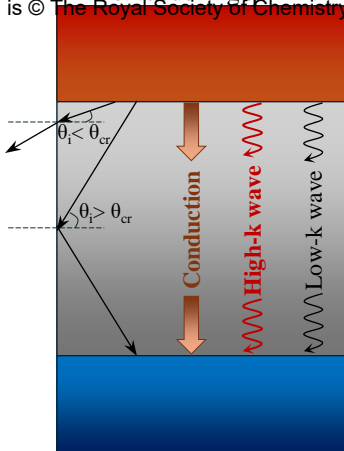


a Zero vacuum-gap TPV

Escaping radiation

Total internal reflection



b Light-pipe TPV

