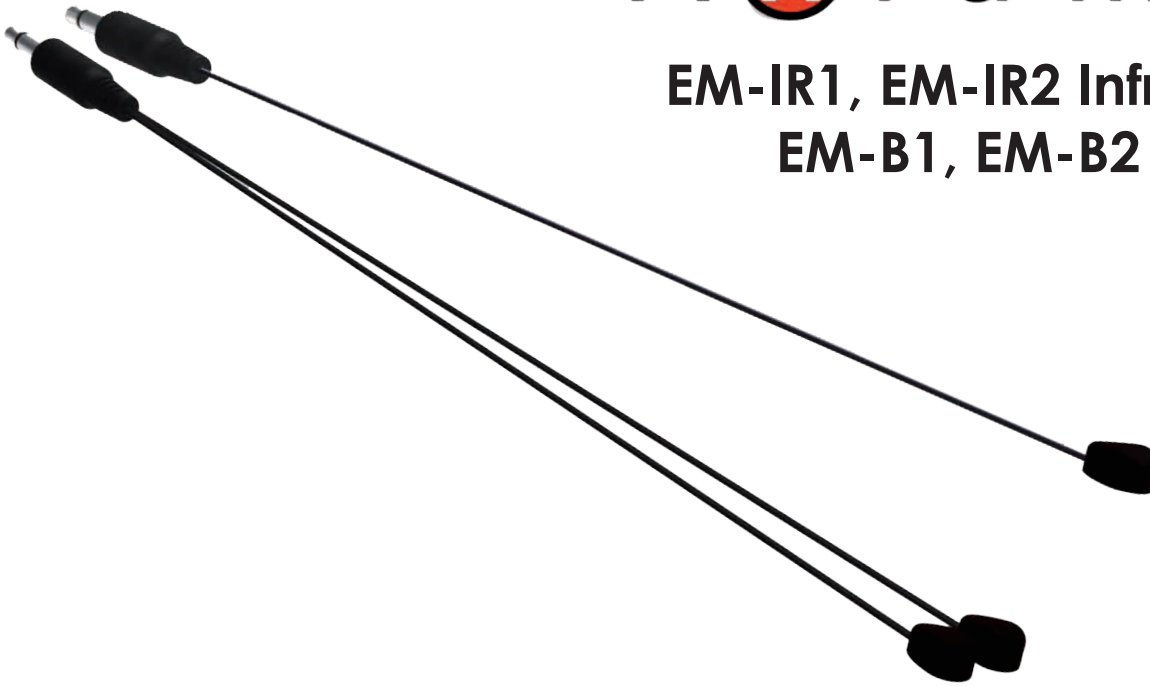


# Axiu m

## EM-IR1, EM-IR2 Infra-Red & EM-B1, EM-B2 Blink Emitters



The Axiu EM series emitters needed to be small to match the IRFX3, so that is how we made them, tiny discrete and effective.

Each model either uses a non blinking infra-red LED with high output or a visible red LED which has lower IR emission and the advantage of visible operation.

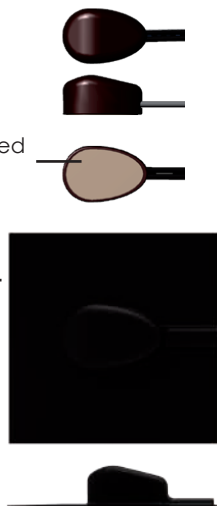
Both the diode variants are available in a Dual or Single configuration,

The emitters are housed in a miniature low profile plastic injection molded case with 3M adhesive applied to the back, with additional adhesive tabs provided in the packaging.

As the use of a boot to cover the emitter can assist in preventing IR system issues, we provide one for each emitter, One less thing to remember.

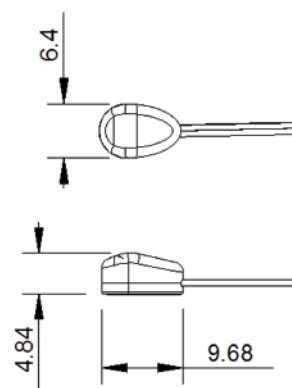
### Features

- o IR or Blink, single or dual emitters types:
  - IR emitters have high output 940nm emission  
Single: EM-IR1      Dual: EM-IR2
  - Blink emitters have visible red & Low IR output  
Single: EM-B1      Dual: EM-B2
- o 2m (6.5ft) cable with 3.5mm plug
- o Very small low profile emitter footprint
- o Strong acrylic adhesive mounts supplied including spares
- o Flexible elastomer IR blocking cover(s) supplied



### Specifications

- o IR dispersion angle <math><25^\circ</math>
- o Maximum current: 20mA
- o Emitter Case dimensions  
Width - 6.4mm (1/4")  
Length- 9.68mm (3/8")  
Height - 4.84mm (3/16")
- o Cover dimensions  
Width - 25mm (1") square  
Height - 5.8mm (7/32")



o Please check [www.axium.co.nz](http://www.axium.co.nz) for latest updates