



IR21

Junction Box Infrared Receiver

- 30-80 kHz reception.
- 35 feet reception distance.
- CFL proof and plasma friendly
- Available in white, almond, ivory or black colors.
- Nominal reception angle: 45 degrees off axis.
- Cable requirements for long lengths: three or four conductor/24 gauge wire up to 200', 22 gauge up to 600', 20 gauge up to 2000' and 18 gauge up to 5000' (unshielded OK).
- Maximum cable length: One mile with 18 gauge.
- Maximum current output: 100 milliamps.
- Maximum number of directly driven IR emitters: Up to four connected in series or up to four dual emitters when using Knoll IR54 or IR55 connection block.
- Power requirements: 12 volts DC @ 25 milliamps. PS1205 power supply recommended.
- Connections: 3-screw terminal and RJ45 connector on unit.
- Dimensions: 1-3/4" x 4" x 1" (45mm x 102mm x 26mm)



IR31a

Single Infrared Emitter

- Low output and medium output in same unit.
- Clear adhesive film included on emitter housing for attachment to IR window of controlled component.
- Lead is terminated with a 3.5 mm mono mini plug.
- Length of wire: 10 feet (3 m).



IR55

Infrared Connection Module

- Connects four emitter ports and power supply to up to 10 Knoll infrared receivers.
- Four parallel emitter ports with 470 Ohm resistors drive 4 single or 4 dual emitters
- 2.1 mm coaxial power jack.
- PS1205 power supply recommended.
- Dimensions: 2.65" x 2.9" x 1.1" h