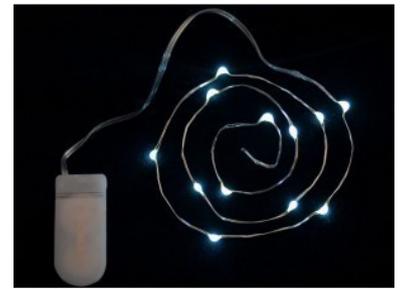**PRODUCT NAME** : Wire Light LED Stran
d - 12 Cool White LEDs + Coin C
ell Holder

PRICE : Rs 749.00
SKU : RM3434

DESCRIPTION

Add sparkle to your project with these lovely silver wire LED strands. These strands are very interesting, they use two silver wires that are coated so they don't short if they touch, then tiny 1000mcd LEDs are bonded onto the wires and coated with epoxy. The result is a very flexible silver wire with sparkly "fairy" lights that are much less visible than normal LEDs. They're still just LEDs, but in a fun new form-factor! They're even waterproof - you can dunk these or have them outdoors, just be sure to protect the battery holder.

Each strand comes with 12 LEDs, approximately 5cm/2 inches apart for a 2 foot long strand of wire. At one end of the magnet wire, a double stranded-core wire is soldered on and heat-shrinked to protect it. A 2 x CR2032 coin cell holder with on/off switch is on the other side. Of course, if you want you can just cut the coin cell holder off and solder on a 3xAAA battery holder or 3xAA battery holder. To solder to the magnet wire, scrape off the coating first.

Requires 2 x CR2032 batteries to run. Does not come with batteries, we do stock CR2032 batteries if you want to use them as is. Runs for about 8 hours continuously on two CR2032's.

Please note: There are no series resistor installed in the strand, if you want to use another supply you will need to calculate and solder in a resistor. The reason that two 3V coin cells can be used to drive LEDs with a forward voltage of about 3.2V is that coin cells have an internal resistance that makes up for the lack of a choke resistor. If you want to drive these via a 6V power supply, you'll want to put in a 20-220 ohm (or larger) resistor in series to avoid burning out the LEDs. If you want to use a 4.5V power supply, use 10-100 ohms (or larger).

TECHNICAL DETAILS

- LED strand is 26 inches (660mm) long, LEDs are spaced 5cm/2" apart
- 1000mcd brightness per LED, Forward voltage of 3.2-3.4V @ 20mA
- Connecting wire is 8 inches (203mm) long
- Battery holder is 2" x 0.9" x 0.22" (51mm x 23mm x 5.6mm)