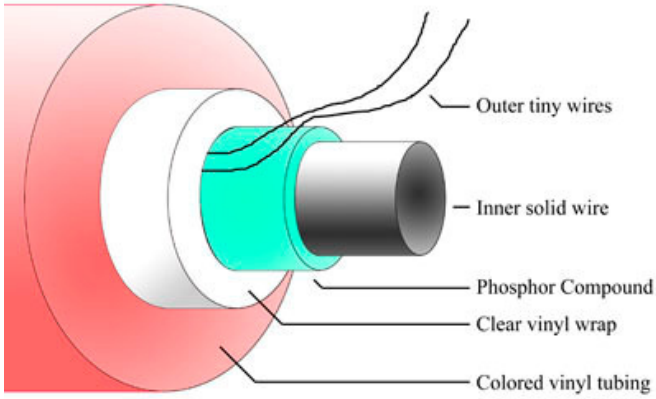


EL WIRE SPECIFICATIONS

- **SPECIFICATION /OD: 0.9mm, 1.4mm , 2.3mm, 3.2mm, 4.0mm, 5.0mm /**
- **BASIC COLORS: BLUE, GREEN, ORANGE, RED, PURPLE, PINK, AQUA, WHITE, YELLOW**
- **CURVE (CAMBER ALLOWED)□> 5 TIMES DIAMETER OF EL-wire**
- **ANGLE OF REVOLVING (TWIST) : 30 DEG.**
- **PULL<1kg**
- **INPUT FREQUENCY: 400HZ~5000HZ**
- **INPUT VOLTAGE: AC 110V-200V**
- **OPERATIONAL TEMPERATURE: -20~+60**
- **STATIC CAPACITANCE: 4.5nF+/-15%**

- **POWER consumption (mA/1 meter)**

VOLTAGE	400HZ	1000HZ	2000HZ	5000HZ
90V	1.35	3.5	7.05	18.2
110V	1.68	4.1	8.5	22.5
130V	2.05	5.2	10.75	26.5

- **BRIGHTNESS cd/□**

COLORS	90V/110V/130V 400HZ	90V/110V/130V 1000HZ	90V/110V/130V 2000HZ	90V/110V/130V 5000HZ
WHITE	10.2/14.6/16.8	16.3/24.8/29.5	25.3/42.2/48.6	32.2/50.7/56.8
CYAN	20.2/34.8/38.2	34.3/60.2/71.6	60.5/103.2/118.3	74.3/131.4/148.6
RED	5.2/8.6/11.8	9.2/15.9/17.3	16.3/29.1/32.4	20.8/35.6/39.3
YELLOW	15.4/27.1/30.2	29.1/48.2/51.4	54.3/95.2/106.3	88.5/156.3/178.2

- **LIFETIME (acc Freq.)**

FREQUENCY/110V	400HZ	1000HZ	2000HZ	5000HZ
WORKING TIME	6000hours	3800hours	2000hours	1200hours

Installation principle

Step 1

22 Gauge Wire
(Speaker Wire Recommended)

NeonWire Neon

Step 2

Separate wire ends

Strip approximately 1" with wire strippers exposing the phosphorus coated wire and two fine wires. (Automatic Stripper Recommended)

Step 3

Stagger cut the wire, cutting one wire about $^1/_2$" shorter than the other. Then strip about $^1/_2$" of sheathing from both wires.

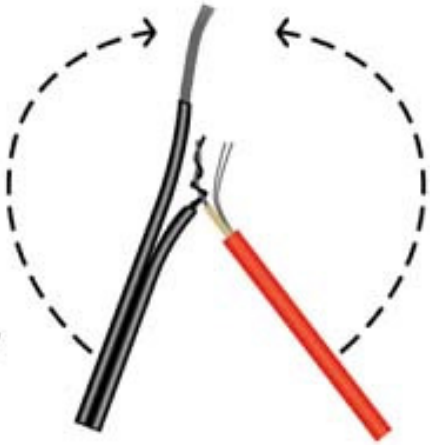
Remove half of the phosphorus coating exposing the wire.

Step 4

Wrap short end of the 22 gauge with the neon center large wire
(phosphorus coated wire)
and solder joint

Step 5

Bend wires horizontally



Step 6

Wrap the two fine wires around the other wire end and solder

Step 7

Make sure the two soldered joints are not touching.
(Note: if the joints are touching, the neon will not work)

Step 8