



## LED - Power Transistors

### Power Transistors - 2x Versions

1.5mm Cable Connections  
3mm Cable Connections



### LED Pockets - (Example Image)

Reveals 2x LED Pockets between cables  
Or you may have 4x LED Pockets on your display



### Fitting:

#### Step 1:- Check Actual LED Pockets

When powering up 'Suspended Cables with LED Pockets' suspended between the cables  
The actual power to the LED's is gained utilising a 1x Power Transformer and "2x Power Transistors"

#### Step 2:- Versions of Transistors

Suspended cables normally come as 1.5mm or 3mm thickness

#### Step 3:- Location of Transistors

First decide where the Power Transformer is going to be placed i.e. ceiling or floor area  
If adding to the ceiling area, connect 2x Transistors (1 on each of the top of the suspended cables)  
If adding to the floor area, connect 2x Transistors (1 on each on the bottom of the suspended cables)

#### Step 4:- Fitting Explanation

Power Transformers normally have 2x thin cables  
These cables carry the "+" (Positive Power) & "-" (Negative Power)  
If your LED's have a "+" sign on the left then, connect the "+" cable on the left  
Once connected, now connect the "-"  
At this point you should have the suspended cables + LEDs + Transistors all connected

#### Step 5:- Surge Protector & Powering Up

You may consider adding a Power Surge Protector to the outlet before the Power Transformer  
Let's assume you also have connected a power Surge Protector....  
Now turn on the power supply to illuminate your LED Display

#### Step 5: - Detecting Possible Faults

- Test 1** = If the LED's fail to illuminate, double check the "+" & "-" locations on your actual LEDs
- Test 2** = If the LED's fail to illuminate, double check the connections are fully secure on the transistors
- Test 3** = If the LED's fail to illuminate, double check your Power Transformer is 100% operational