

## Clear UK Flex Specifications



**Construction:** Each insulated core is double insulated and then twisted together to form one discrete cable.

**Conductors:** Stranded Tinned Copper to BS4109 C101.

**Insulation:** Double insulated with polyolefin and Clear PVC. Insulation thickness 0.30mm. Minimum insulation resistance 0.11 MΩ/KM.

### Core Identification:

To enable the clear look, the individual wires are not coloured, therefore you will need a voltage tester to establish which of the wires are live and neutral.

The only core that is important to connect correctly is the Earth wire. The connection of the other 2 cores is not critical (or both cores in the case of the 2 core cable).

### Nominal Diameter:

2 Core: 4.20mm ; 3 Core: 4.50mm

**Voltage Rating:** 300/300 Volts

**Maximum Current:** 3 Amps

**Maximum Load:** 500 Watts @ 240 volts.

**Operating Temp:** 70°C (maximum)

**Flammability:** UL94-HB1

**Specification:** To the General Requirements of BS6500.

### Maximum Weight of Fitting:

Our standard 3core 0.50mm<sup>2</sup> Braided Lighting Cable can support a maximum suspended fitting weight of 2.0kg. Please ensure that the cable is securely clamped within the ceiling rose and that the cable is not being supported by the wire terminations only.

Incandescent lights are not polarity sensitive and can be connected irrespective of live and neutral. Compact Fluorescents and LED lights will only function if connected with the correct polarity. However, there is no safety issues or danger of damage to the fittings if incorrectly connected.

When wired, if the light does not work, swap the connections before assuming that the fitting or bulb is faulty.

*NB: These cables are not suitable for exterior use.*

*Should only be connected to the mains electricity through a fused supply.*