

The UK's electrical safety experts



Counterfeit Electrical Products

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A shocking rip off The true cost of counterfeit electrical products



A growing issue

Electrical Safety First The UK's electrical safety experts



- ...of which estimated £900 million helps fund organised crime
- The global economic impact of counterfeiting may account for as much as 7% of world trade
- 64% purchased online
- Social media increasing 15% a year







 A level of sophistication – Modern counterfeits can be indistinguishable from the genuine articles without thorough investigation



Fake



Genuine



Fake



Which one is fake?







Drivers



Cost!





Photo (Original appliance)





Photo (Fake)



- Note: Counterfeiters are now even pricing their products at close to the **RRP**!
- Consumer demand



Lack of public awareness of potential consequences - Over a million people have knowingly purchased a counterfeit product in the last year

Not just online and in markets...







Market surveillance



 Nearly two in five interventions at ports and borders identified as 'unsafe or non-compliant'



LED lamps border project
64% unsafe or non-compliant



Insert presentation title





CE and certification marks











A number of counterfeit products were sourced:

Hair straighteners Mobile phone chargers Food blender Bladeless fan Steam mops Battery Chargers

Test and investigation results



Examples of faults found







Test and investigation results



Examples of faults found



Plug pin fails strength test





Solutions?



Manufacturers and retailers

- Work with enforcement agencies share intelligence and expertise
- Components legitimate and traceable
- More responsibility for online marketplace services
- Promote safety and quality benefits of genuine products

Government

- Strengthen enforcement and market surveillance resources
- Review of online controls
- Promote guidance for suppliers and distributors SMEs

• All

- Public education remove consumer demand
- Provide consumer advice and guidance enable informed purchasing

Example - Plug pin gauge



- Simple tools can make a lot of difference
- Low cost solutions which make it easier for enforcement personnel to confidently make quick decisions can have a big impact



