



## UK Cord Compatibility

**Following reports of plug / outlet compatibility in the area of UK Cat5e products, Nexans Cabling Solutions has carried out a comprehensive study.**

The study involved analysis of:

Nexans Cabling Solutions outlets and modules  
Available patchcords sourced from the marketplace\*

In total, 29 patchcords from Nexans main competitors and private labelled cords were tested for physical compatibility and analysed against the interface standards.

**The result of this analysis is that 13% (4 cords) failed latched insertion.**

The predominant cause of this incompatibility is in the over-moulding or the push on boot extending into the interface area of the plug. Further analysis of these failing cords revealed that they are non compliant with the RJ45 interface standard.



**All Nexans Cabling Solutions plug types are fully compliant with the RJ45 interface.**

Design changes are naturally made during a product lifecycle and where possible adaptations are made to module designs in order to accommodate some of the dimensional variations seen on typical plugs commonly available on the market.

However it is not possible to cater for every instance of a non compliant cord usage and Nexans Cabling Solutions strongly recommend the use of Nexans cords to ensure both physical and electrical compatibility. However, in the event that non-Nexans products are used, installation partners should ensure that they are in conformance with ruling standards and are fully compatible with the Nexans products.

\*Tests exclude specially adapted plugs.