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## REPORT OF TEST

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*The products described in this Report were tested for compliance to the standard(s) listed below. The products listed below are not part of an Intertek Verification Program and the results are provided to the client as a one time performance test.*

**Reference Intertek Report No.:** 102161555CRT-001a and 102161555CRT-002a

**Date:** June 23, 2015

### Test:

Electrical transmission performance testing of unshielded jacks to the standard requirements of ANSI/TIA-568-C.2, ISO/IEC 11801 (Amendment 2) and IEC 60603-7-2 for Category 5e

### Standards used:

ANSI/TIA-568-C.2-2009: Balanced Twisted-Pair Telecommunications Cabling and Components Standards, dated August 2009

ISO/IEC 11801 Information Technology - Generic cabling for customer premises, Second edition dated September 2002 including amendments up to Amendment 2, dated April 2010.

### Sections used:

Section 6.8 of ANSI/TIA-568-C.2: Connecting hardware transmission performance (6.8.1 to 6.8.27)

Section 10.2.4.3 of ISO/IEC 11801 for the following tests: NEXT, Return Loss, Insertion Loss, FEXT, TCL, TCTL, DC resistance and DC resistance unbalance.

### Samples description:

The client supplied three (3) RJ45 unshielded keystone jacks, identified as part number NKP5E88M\*\*. The samples were received on June 12, 2015 and were production samples in undamaged condition.

### Conclusion:

The RJ45 connecting hardware, as previously described and supplied by the client, was tested in accordance with the standard and sections referred to above, and did comply with the indicated applicable transmission requirements. The testing was performed at Intertek located in Cortland, New York.

Reviewed and approved by:

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