



3933 US Route 11
Cortland, NY 13045

Telephone: (607) 753-6711
Facsimile: (607) 758-3648
www.intertek-etlsemko.com

October 30, 2017

Test report number 103241616CRT-001b
Project number 103241616-311

CommScope, Inc of North Carolina
3642 US Hwy 70 East
Claremont NC 28610

TEST:

Initial qualification testing of a 100Ω 4-Pair telecommunication cable electrical performance to the standard requirements of IEC 61156-5, as referenced in ISO/IEC 11801, for Category 6A horizontal cable.

STANDARD USED:

IEC 61156-5 Edition 2.1, Multicore and symmetrical pair/quad cables for digital communications - Part 5: Symmetrical pair/quad cables with transmission characteristics up to 1000MHz - Horizontal floor wiring - Sectional specification, dated December 2012

SECTIONS:

6.2.1, 6.2.2, 6.2.5, 6.2.6 and 6.3.1 to 6.3.11

AUTHORIZATION:

The project was authorized by Mr. Wayne Hopkinson, representing CommScope, Inc of North Carolina, with signed quotation number Qu-00821264.

SAMPLE DESCRIPTION:

The client supplied 300 meters of a Category 6A, 4-Pair, 23 AWG, F/FTP, LSZH, Horizontal (solid) Cable, identified as part number 3296A. The sample was received on October 20, 2017 and was a production sample in undamaged condition.

EQUIPMENT LIST:

The following equipment was employed in conducting the tests.

<u>Equipment used</u>	<u>Model number</u>	<u>Control number</u>	<u>Calibration date</u>	<u>Calibration due date</u>
Keysight Network Analyzer	8753E	E307	3/9/2017	3/9/2018
Keysight Network Analyzer	E5061B	1637901H	1/17/2017	1/17/2018
Keysight LCR Meter	4263B	R171	12/19/2016	12/19/2017
Temperature humidity meter	OM-EL-USB-2-LCD	H243	2/21/2017	2/21/2018
Environmental Chamber	Bally	3069	5/2/2017	5/2/2018



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DATE OF TEST:

October 24, 2017 through October 25, 2017

TEST REPORT REVISION HISTORY:

First Issue: October 30, 2017 Original Document

RESULTS: See appendices A through E for the test results.

CONCLUSION:

The 100 Ω , 4-Pair telecommunication cable, as previously described and supplied by the client, was tested in accordance with the standard referred to on page 1, and did comply with the indicated applicable transmission requirements. The testing was performed at Intertek located in Cortland, New York.

The procedures and requirements were taken from the standard referred to on page 1.

Reviewed and Approved By:

Antoine Pelletier
Project Engineer
Global Cabling Products Testing

David Ayers
Technician
Global Cabling Products Testing