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Project Number: G100283649
Certificate of Conformance Number: 3045110CRT-003

Date Issued: 2/16/2012

Test Report Number: G100283649CRT-013c



Applicant:
Nexans Inc.
dba Berk-Tek
132 White Oak Road
New Holland, PA 17557
Applicant Contact: Mr. Joel Fasnacht

Manufacturer:
Nexans Inc.
dba Berk-Tek
132 White Oak Road
New Holland, PA 17557USA
Mfg. Contact: Mr. Joel Fasnacht

Dear Mr. Joel Fasnacht;

Intertek is pleased to provide this letter report covering the testing of one (1) 4 Pair, 23 AWG, FTP, CMR, Non-Plenum Riser, Horizontal (solid) Cable, Part Number: P/N 10122951 LANmark 6. The sample was selected from your manufacturer facility, Nexans Inc. DBA Berk-Tek, by the Intertek Inspector Mr. Ronald Williams on 1/27/2012, for Quarter 1 2012 Quarterly Follow-up Testing.

The testing was performed at Intertek located in Cortland, NY on 2/10/2012, to the TIA-568-C.2 Category Category 6 specifications and did comply with the applicable requirements of the specifications.

We have appreciated this opportunity to be of service to you. If there are any questions regarding this letter or any other services offered by Intertek, Please do not hesitate to contact us.

Refer to Appendix A for test summary results

Sincerely,

Kathy Heath
Kathy Heath
Program Coordinator
Global Cabling Products Testing
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John Cash
John Cash
Technician
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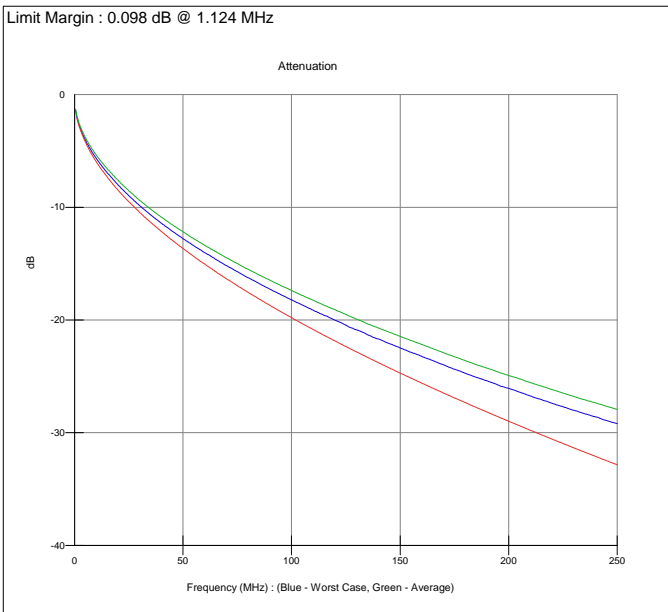
Appendix A

Test Results

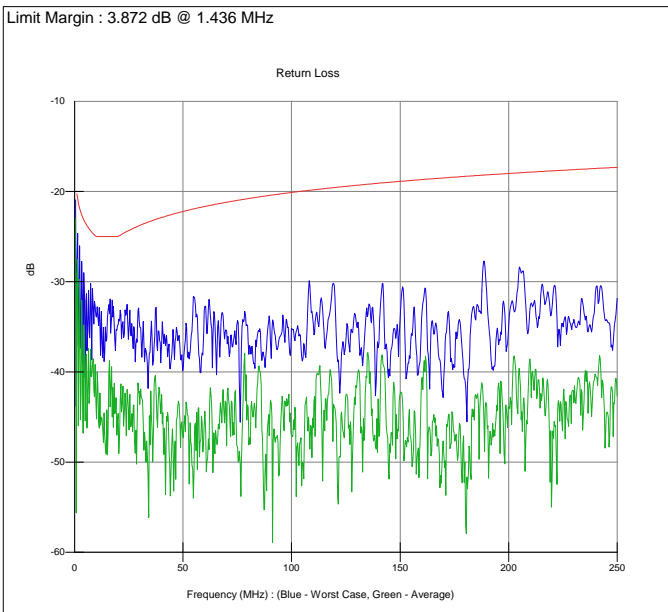


Summary

| | | | |
|----------------------|--------------------------|--------------------|-------------------|
| Client | Nexans Inc DBA Berk-Tek | Report No | 100283649CRT-013c |
| Specification | TIA-568-C2 - Cat 6 Cable | Length | 100. |
| Part No | LANmark 6 10122951 | Temperature | 21.5 °C |
| Test Started | 2/10/2012 2:33:39 PM | | A |
| Description | 4x24 CMR FTP solid | Test Status | Complies |
| Technician | John Cash | | |



| Attenuation | | | |
|-------------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 1.9 | 1.8 | 2.0 |
| 4. | 3.6 | 3.4 | 3.8 |
| 8. | 5.1 | 4.8 | 5.3 |
| 10. | 5.7 | 5.4 | 6.0 |
| 16. | 7.1 | 6.8 | 7.6 |
| 20. | 8.0 | 7.6 | 8.5 |
| 25. | 9.0 | 8.5 | 9.5 |
| 31.25 | 10.1 | 9.6 | 10.7 |
| 62.5 | 14.3 | 13.7 | 15.4 |
| 100. | 18.2 | 17.4 | 19.8 |
| 200. | 26.1 | 24.9 | 29.0 |
| 250. | 29.2 | 27.9 | 32.9 |

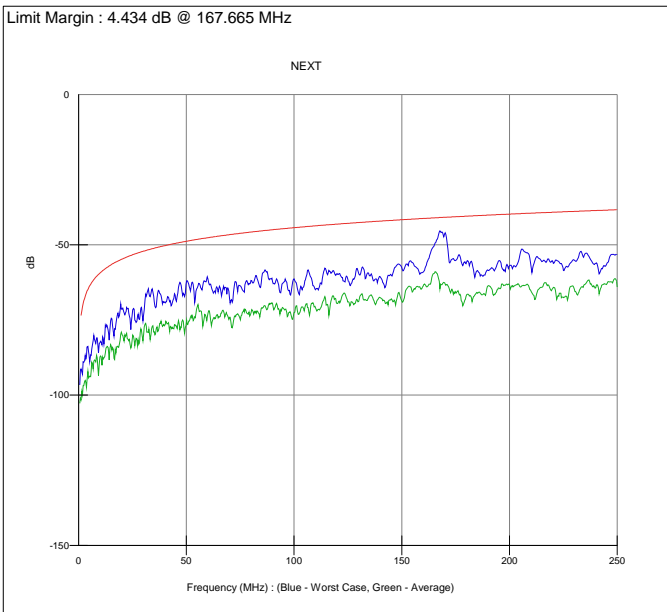


| Return Loss | | | |
|-------------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 35.1 | 39.9 | 20.0 |
| 4. | 38.9 | 44.1 | 23.0 |
| 8. | 38.3 | 40.4 | 24.5 |
| 10. | 35.9 | 44.3 | 25.0 |
| 16. | 33.3 | 39.1 | 25.0 |
| 20. | 34.8 | 45.0 | 25.0 |
| 25. | 35.7 | 45.4 | 24.3 |
| 31.25 | 38.3 | 43.0 | 23.6 |
| 62.5 | 33.5 | 42.1 | 21.5 |
| 100. | 35.2 | 47.0 | 20.1 |
| 200. | 35.0 | 43.9 | 18.0 |
| 250. | 31.8 | 42.7 | 17.3 |

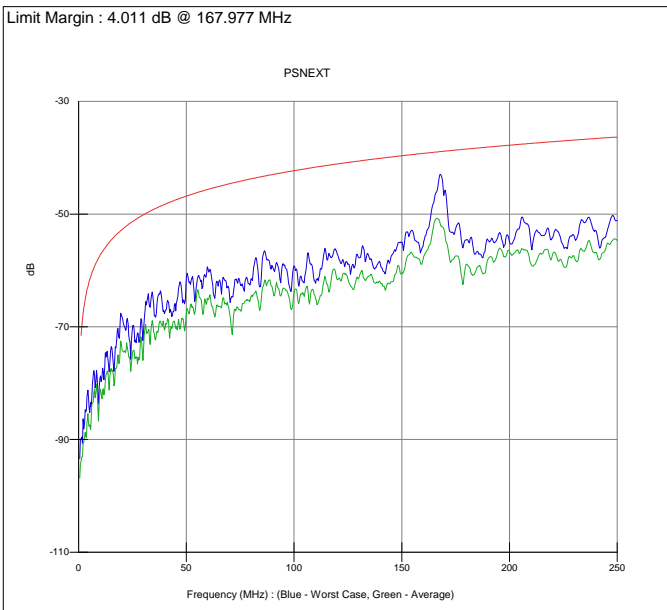


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| Description | 4x24 CMR FTP solid | Test Status | Complies |
| Technician | John Cash | | |



| NEXT | | | |
|-------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 93.7 | 101.4 | 74.2 |
| 4. | 84.0 | 94.5 | 65.3 |
| 8. | 82.8 | 88.9 | 60.8 |
| 10. | 82.3 | 87.1 | 59.3 |
| 16. | 80.0 | 84.6 | 56.2 |
| 20. | 71.4 | 79.5 | 54.8 |
| 25. | 72.5 | 80.8 | 53.3 |
| 31.25 | 66.8 | 76.7 | 51.9 |
| 62.5 | 66.0 | 74.6 | 47.4 |
| 100. | 61.3 | 72.6 | 44.3 |
| 200. | 57.0 | 63.4 | 39.8 |
| 250. | 53.2 | 64.1 | 38.3 |

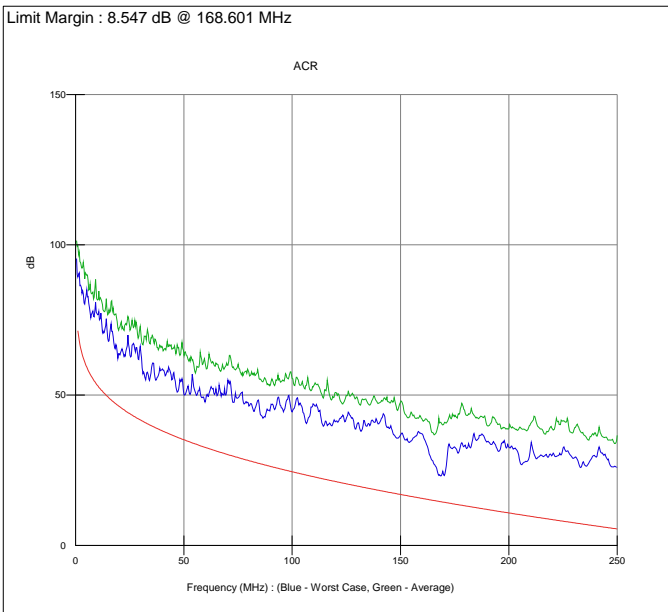


| PSNEXT | | | |
|--------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 90.3 | 94.1 | 72.2 |
| 4. | 82.1 | 86.7 | 63.3 |
| 8. | 79.9 | 81.7 | 58.8 |
| 10. | 78.9 | 81.3 | 57.3 |
| 16. | 76.7 | 78.3 | 54.2 |
| 20. | 68.1 | 73.6 | 52.8 |
| 25. | 70.3 | 74.8 | 51.3 |
| 31.25 | 65.9 | 70.3 | 49.9 |
| 62.5 | 63.8 | 67.1 | 45.4 |
| 100. | 59.2 | 63.9 | 42.3 |
| 200. | 54.9 | 56.6 | 37.8 |
| 250. | 51.2 | 54.7 | 36.3 |

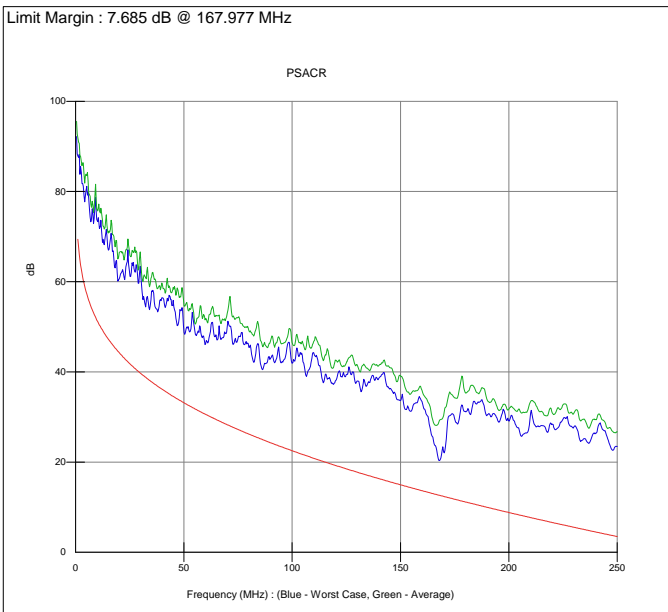


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| Technician | John Cash | | |



| ACR | | | |
|-------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 91.9 | 99.6 | 72.1 |
| 4. | 80.5 | 91.2 | 61.5 |
| 8. | 78.0 | 84.2 | 55.4 |
| 10. | 77.0 | 81.9 | 53.4 |
| 16. | 73.3 | 77.9 | 48.7 |
| 20. | 63.8 | 72.1 | 46.3 |
| 25. | 64.1 | 72.5 | 43.8 |
| 31.25 | 57.5 | 67.3 | 41.2 |
| 62.5 | 52.7 | 61.2 | 32.0 |
| 100. | 44.5 | 55.5 | 24.5 |
| 200. | 32.7 | 38.9 | 10.8 |
| 250. | 26.0 | 36.6 | 5.5 |

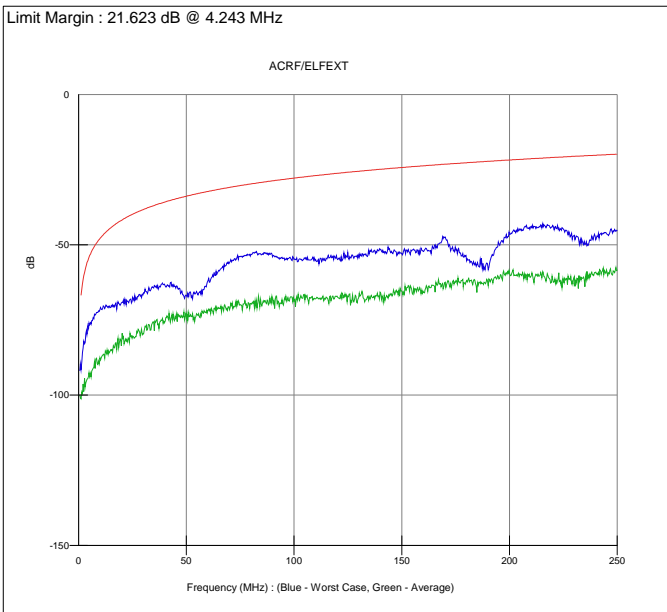


| PSACR | | | |
|-------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 88.5 | 92.3 | 70.1 |
| 4. | 78.7 | 83.2 | 59.5 |
| 8. | 75.1 | 76.9 | 53.4 |
| 10. | 73.6 | 75.9 | 51.4 |
| 16. | 70.0 | 71.5 | 46.7 |
| 20. | 60.6 | 66.0 | 44.3 |
| 25. | 61.8 | 66.3 | 41.8 |
| 31.25 | 56.5 | 60.7 | 39.2 |
| 62.5 | 50.2 | 53.5 | 30.0 |
| 100. | 41.9 | 46.5 | 22.5 |
| 200. | 29.1 | 31.7 | 8.8 |
| 250. | 23.4 | 26.7 | 3.5 |

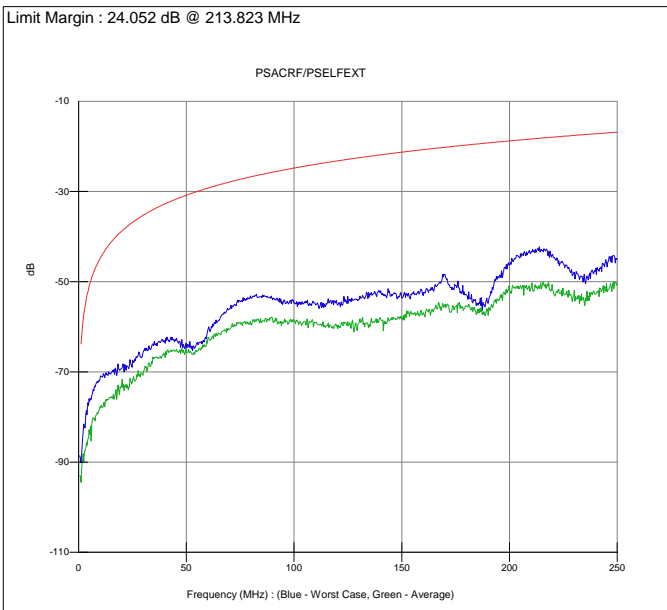


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| Test Started | 2/10/2012 2:33:39 PM | | A |
| Description | 4x24 CMR FTP solid | Test Status | Complies |
| Technician | John Cash | | |



| ACRF/ELFEXT | | | |
|-------------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 90.8 | 101.0 | 67.6 |
| 4. | 79.1 | 94.7 | 55.8 |
| 8. | 73.0 | 88.0 | 49.7 |
| 10. | 71.2 | 87.9 | 47.8 |
| 16. | 70.4 | 84.2 | 43.7 |
| 20. | 69.2 | 81.5 | 41.8 |
| 25. | 68.0 | 80.6 | 39.8 |
| 31.25 | 65.5 | 77.0 | 37.9 |
| 62.5 | 60.4 | 72.8 | 31.9 |
| 100. | 54.8 | 68.7 | 27.8 |
| 200. | 46.3 | 59.3 | 21.8 |
| 250. | 45.4 | 58.2 | 19.8 |

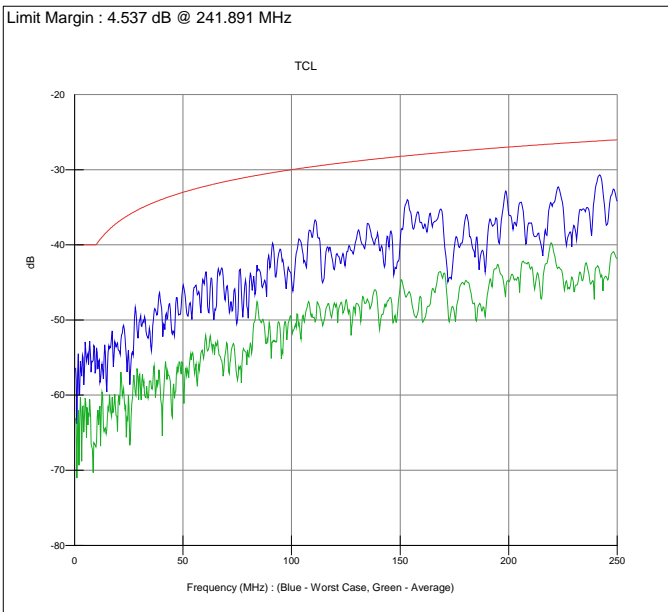


| PSACRF/PSELFEXT | | | |
|-----------------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 89.8 | 93.9 | 64.6 |
| 4. | 78.9 | 86.0 | 52.8 |
| 8. | 72.8 | 79.7 | 46.7 |
| 10. | 71.3 | 77.9 | 44.8 |
| 16. | 69.9 | 75.2 | 40.7 |
| 20. | 69.3 | 72.5 | 38.8 |
| 25. | 68.1 | 72.1 | 36.8 |
| 31.25 | 65.1 | 68.9 | 34.9 |
| 62.5 | 59.8 | 62.6 | 28.9 |
| 100. | 54.8 | 58.8 | 24.8 |
| 200. | 46.3 | 51.7 | 18.8 |
| 250. | 44.8 | 50.3 | 16.8 |

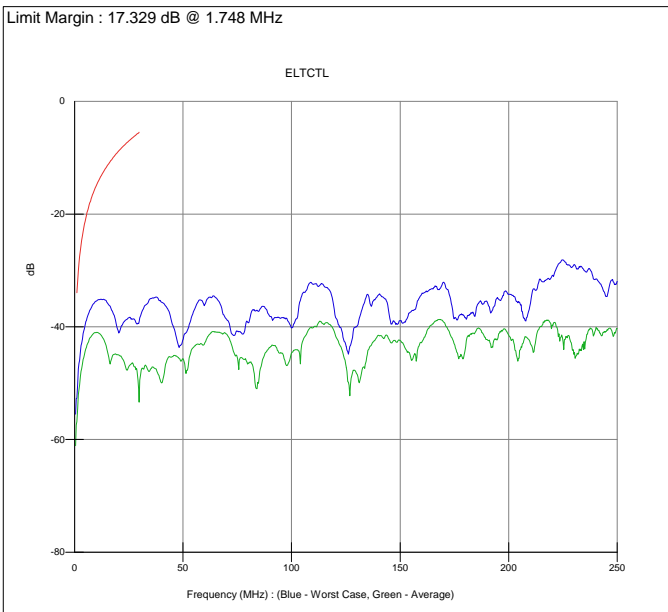


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| Test Started | 2/10/2012 2:33:39 PM | | A |
| Description | 4x24 CMR FTP solid | Test Status | Complies |
| Technician | John Cash | | |



| TCL | | | |
|-------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 62.2 | 68.3 | 40.0 |
| 4. | 55.8 | 62.2 | 40.0 |
| 8. | 55.5 | 66.9 | 40.0 |
| 10. | 55.2 | 66.6 | 40.0 |
| 16. | 53.8 | 60.6 | 38.0 |
| 20. | 54.4 | 62.7 | 37.0 |
| 25. | 55.2 | 61.0 | 36.0 |
| 31.25 | 50.7 | 57.6 | 35.1 |
| 62.5 | 46.0 | 52.2 | 32.0 |
| 100. | 44.7 | 50.5 | 30.0 |
| 200. | 35.8 | 44.9 | 27.0 |
| 250. | 34.2 | 41.9 | 26.0 |



| ELTCTL | | | |
|--------|------------|---------|------|
| Freq | Worst Case | Average | Spec |
| 1. | 52.7 | 57.1 | 34.8 |
| 4. | 41.1 | 45.7 | 23.0 |
| 8. | 36.4 | 41.6 | 16.9 |
| 10. | 35.5 | 41.0 | 15.0 |
| 16. | 36.2 | 46.0 | 10.9 |
| 20. | 40.5 | 44.9 | 9.0 |
| 25. | 38.4 | 47.1 | 7.0 |
| 31.25 | 37.2 | 47.4 | |
| 62.5 | 34.7 | 41.2 | |
| 100. | 40.2 | 44.7 | |
| 200. | 34.2 | 41.5 | |
| 250. | 31.9 | 40.3 | |