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Project Number: G10028364  
Certificate of Conformance Number: 3047871CRT-003

Date Issued: 5/29/2015

**Test Report Number: G100283649CRT-039e**



Applicant:  
Berk-Tek LLC  
132 White Oak Rd.  
New Holland, PA 17557

Manufacturer:  
Berk-Tek LLC  
132 White Oak Rd.  
New Holland, PA 17557

Applicant Contact: Mr. Darren Scott

Mfg. Contact: Mr. Darren Scott

Dear Mr. Darren Scott;

Intertek is pleased to provide this letter report covering the testing of one (1) 4 Pair, 24 AWG, UTP, Outdoor, N/A, Horizontal (solid) Cable, Part Number: 10071496. The sample was selected from your manufacturer facility, Berk-Tek LLC, by the Intertek Inspector Mr. Joseph Wade on 3/24/2015, for Quarter 1 2015 Quarterly Follow-up Testing.

The testing was performed at Intertek located in Cortland, NY on 5/4/2015, to the ISO 11801 Category 5e 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,

Antoine Pelletier  
Engineer  
Global Cabling Products Testing  
Phone: (607) 758-6718

John Cash  
Technician  
Global Cabling Products Testing  
Phone: (607) 758-6677

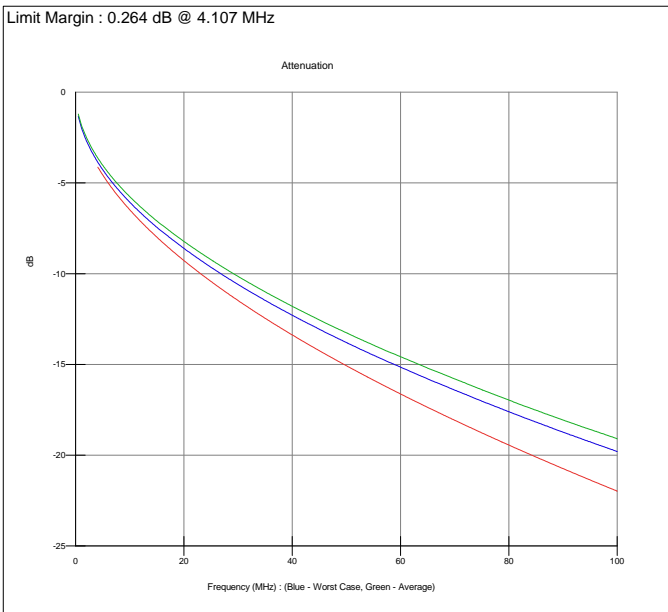


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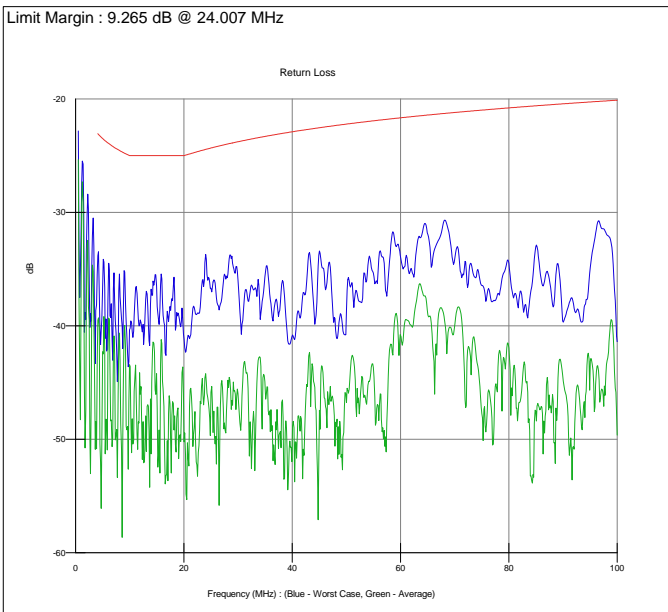


## Summary

<b>Client</b>	Berk-Tek LLC	<b>Report No</b>	100283649CRT-039e
<b>Specification</b>	ISO-IEC 11801 Cat 5e Solid Cable		
<b>Part No</b>	10071496	<b>Length</b>	100.
<b>Test Started</b>	5/4/2015 1:34:19 PM	<b>Temperature</b>	22 °C
<b>Description</b>	4x24 U/UTP-Outdoor-Solid	<b>Appendix</b>	A
<b>Technician</b>	John Cash	<b>Test Status</b>	Complies



Attenuation			
Freq	Worst Case	Average	Spec
1.	1.9	1.7	
4.	3.8	3.6	
8.	5.4	5.1	5.8
10.	6.1	5.8	6.5
16.	7.7	7.3	8.3
20.	8.6	8.2	9.3
25.	9.6	9.2	10.4
31.25	10.8	10.4	11.7
62.5	15.5	14.9	17.0
100.	19.8	19.1	22.0

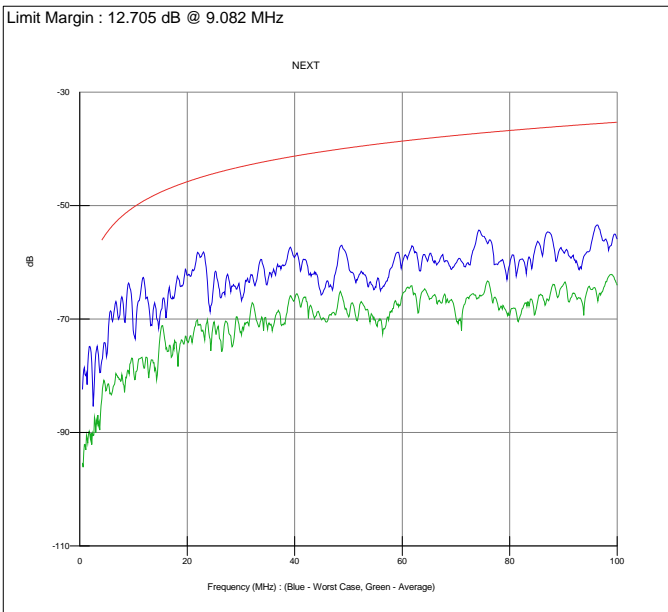


Return Loss			
Freq	Worst Case	Average	Spec
1.	32.0	37.5	
4.	35.4	42.7	
8.	36.5	41.3	24.5
10.	40.6	43.5	25.0
16.	37.1	43.6	25.0
20.	41.1	49.3	25.0
25.	36.7	45.9	24.3
31.25	37.1	43.3	23.6
62.5	35.9	39.1	21.5
100.	41.4	49.6	20.1

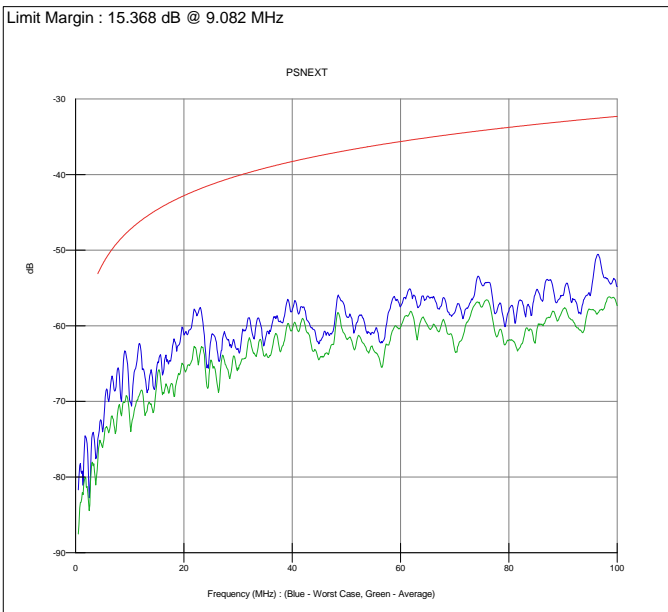


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<b>Technician</b>	John Cash	<b>Test Status</b>	Complies



NEXT			
Freq	Worst Case	Average	Spec
1.	79.8	92.2	
4.	78.1	85.1	
8.	66.7	80.8	51.8
10.	72.2	78.7	50.3
16.	69.3	74.9	47.2
20.	62.4	73.8	45.8
25.	63.0	70.5	44.3
31.25	63.0	70.6	42.9
62.5	58.2	65.8	38.4
100.	55.9	64.1	35.3

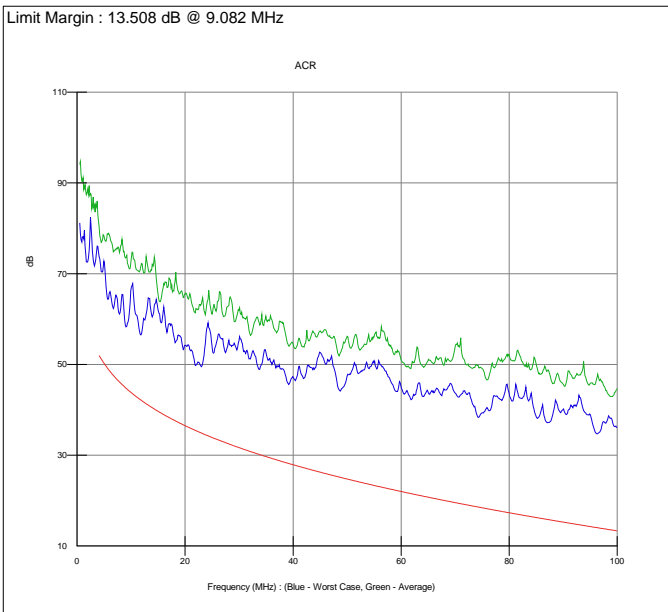


PSNEXT			
Freq	Worst Case	Average	Spec
1.	79.3	83.3	
4.	76.4	78.9	
8.	66.1	70.5	48.8
10.	69.9	72.4	47.3
16.	66.1	68.9	44.2
20.	61.4	65.4	42.8
25.	61.9	64.5	41.3
31.25	60.6	64.3	39.9
62.5	56.0	59.3	35.4
100.	54.8	57.4	32.3

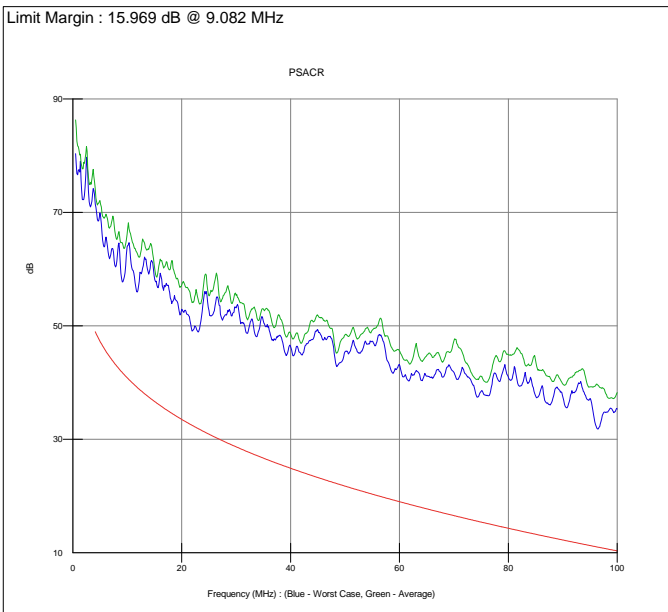


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<b>Technician</b>	John Cash	<b>Test Status</b>	Complies



ACR			
Freq	Worst Case	Average	Spec
1.	78.1	90.3	
4.	74.6	81.4	
8.	61.7	75.5	46.0
10.	66.6	72.8	43.8
16.	62.1	67.4	39.0
20.	54.3	65.5	36.5
25.	53.9	61.1	33.9
31.25	52.5	60.0	31.1
62.5	43.2	50.7	21.4
100.	36.1	44.7	13.3

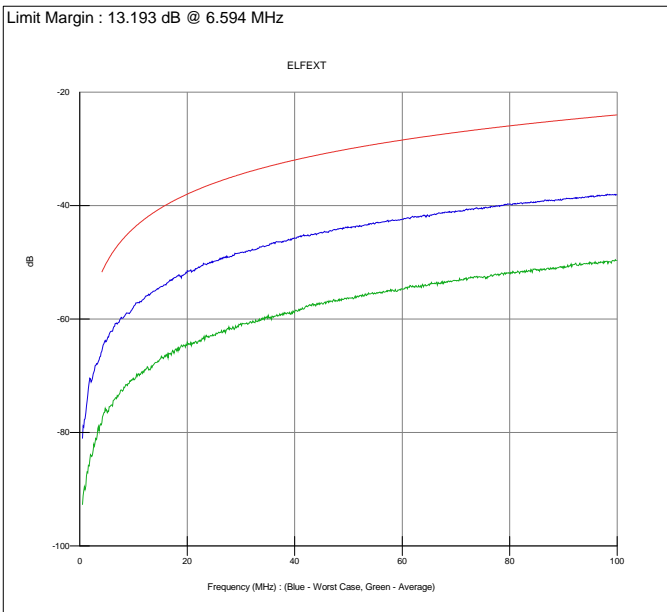


PSACR			
Freq	Worst Case	Average	Spec
1.	77.4	81.6	
4.	72.9	75.3	
8.	60.9	65.4	43.0
10.	64.0	66.6	40.8
16.	58.9	61.6	36.0
20.	53.1	57.2	33.5
25.	52.7	55.3	30.9
31.25	50.5	53.9	28.1
62.5	41.3	44.4	18.4
100.	35.3	38.3	10.3

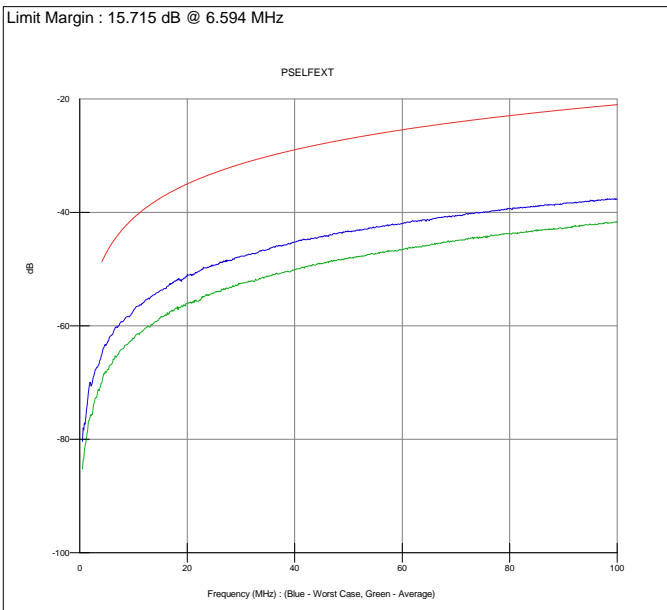


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<b>Technician</b>	John Cash	<b>Test Status</b>	Complies



ELFEXT			
Freq	Worst Case	Average	Spec
1.	77.6	90.1	
4.	65.9	78.6	
8.	59.8	72.7	45.9
10.	57.9	70.6	44.0
16.	54.0	66.4	39.9
20.	51.6	64.2	38.0
25.	49.8	62.8	36.0
31.25	48.0	60.9	34.1
62.5	42.0	54.1	28.1
100.	38.1	49.7	24.0

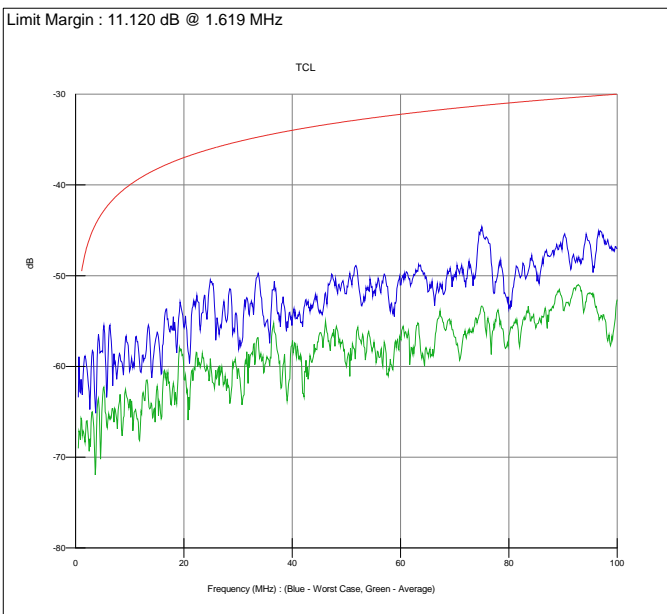


PSELFEXT			
Freq	Worst Case	Average	Spec
1.	77.3	81.2	
4.	65.4	70.1	
8.	59.2	64.1	42.9
10.	57.3	62.2	41.0
16.	53.4	58.1	36.9
20.	51.1	56.0	35.0
25.	49.3	54.2	33.0
31.25	47.5	52.2	31.1
62.5	41.5	46.0	25.1
100.	37.7	41.8	21.0

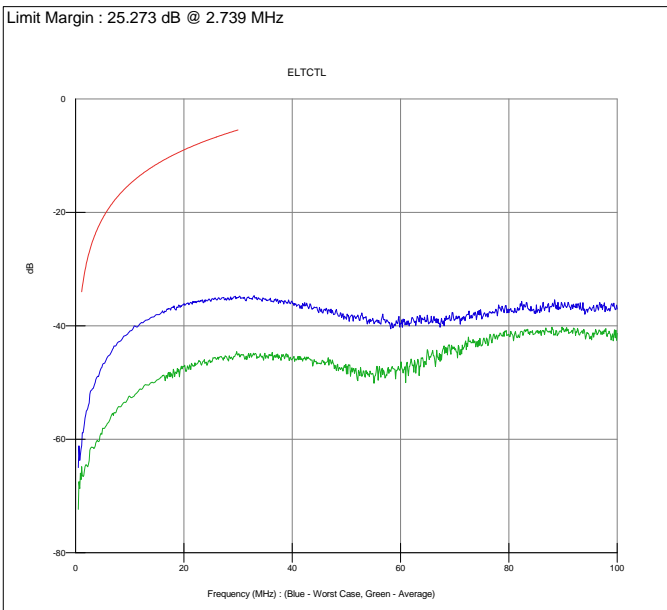


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<b>Technician</b>	John Cash		



TCL			
Freq	Worst Case	Average	Spec
1.	61.5	65.7	49.9
4.	58.8	64.5	44.0
8.	58.9	64.2	41.0
10.	60.5	63.9	40.0
16.	58.9	64.0	38.0
20.	55.6	61.0	37.0
25.	50.7	60.1	36.0
31.25	52.8	59.8	35.1
62.5	49.9	58.3	32.0
100.	47.0	52.6	30.0



ELTCTL			
Freq	Worst Case	Average	Spec
1.	-61.7	-67.1	-34.9
4.	-49.0	-60.2	-23.0
8.	-42.8	-54.2	-16.9
10.	-41.0	-52.4	-15.0
16.	-37.4	-48.8	-10.9
20.	-36.1	-47.1	-9.0
25.	-35.7	-46.2	-7.0
31.25	-35.2	-45.9	
62.5	-39.3	-47.2	
100.	-37.0	-41.3	