

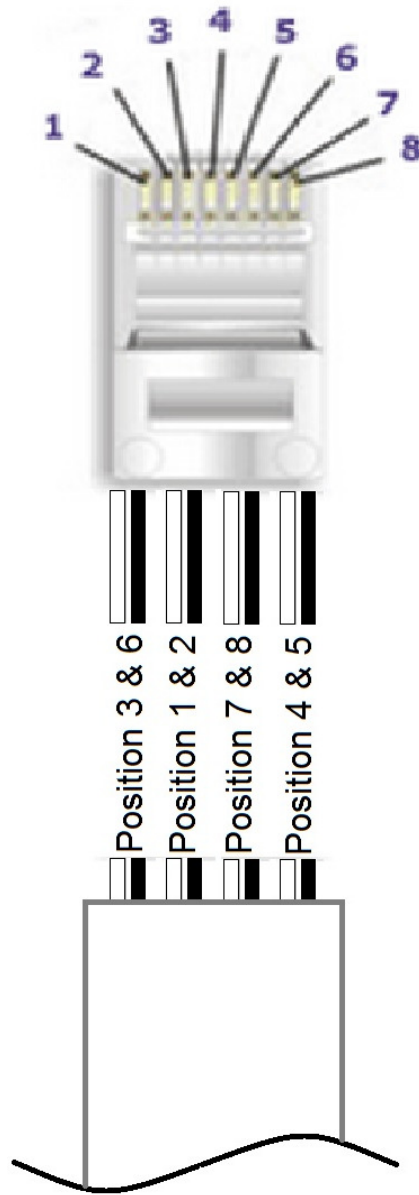
CICOIL CAT6A cable assemblies exceed the performance specifications set forth in ISO/IEC 11801 and our flat cable technology assures 100% transmission compliance to component performance as specified in ANSI/TIA-568.

Engineering Note

JDSU		Cable Certification Report		 
Project :	CICOIL	Site :	Unspecified	
Operator :	JDSU	Cable Label :	DC-601a-2	
Building :		Floor :		
Room :		Rack :		
Panel :				
Limit :	TIA - Cat 6A Channel	 7.0 m		
Tested :	10/17/2014 05:53:04	<input checked="" type="checkbox"/> Cable NVP :	65	
Cable Name :	CICOIL	<input checked="" type="checkbox"/> Propagation delay	38.75 ns	
Connector Name :	UTP Mod Jack 6A	Resistance :	3.4 Ohms	
Local :	jw20301381 Cat 6A Channel	<input checked="" type="checkbox"/> Delay Skew :	1 ns	
Remote :	jw20301382 Cat 6A Channel			
Remote Calibration Date :	25-January-2014			
Local Calibration Date :	25-January-2014			
<input checked="" type="checkbox"/> Insertion Loss :	Local :			
Worst Pair :	7,8			
Value :	0.46			
Limit :	3.00			
Margin :	2.54			
Frequency :	1.90			
<input checked="" type="checkbox"/> Return Loss :	Local :	Remote :		
Worst Pair :	4,5	4,5		
Value :	22.10	23.37		
Limit :	9.38	9.28		
Margin :	12.72	14.08		
Frequency :	183.00	187.00		
<input checked="" type="checkbox"/> NEXT :	Local :	Remote :		
Worst Pair :	1,2-3,6	3,6-4,5		
Value :	54.18	50.09		
Limit :	52.41	49.21		
Margin :	1.77	0.88		
Frequency :	17.95	28.00		
<input checked="" type="checkbox"/> ACR-F :	Local :	Remote :		
Worst Pair :	1,2-3,6	3,6-1,2		
Value :	59.05	59.08		
Limit :	56.41	56.41		
Margin :	2.64	2.67		
Frequency :	2.20	2.20		
	<input checked="" type="checkbox"/> PS_NEXT :	<input checked="" type="checkbox"/> PS_ACRF :		
	Local :	Remote :	Local :	Remote :
Worst Pair :	3,6	4,5	3,6	3,6
Value :	48.06	49.64	58.26	11.62
Limit :	45.09	47.66	53.41	6.31
Margin :	2.97	1.98	4.85	5.31
Frequency :	34.00	23.95	2.20	498.00
Network Compliant	100BASE-T, 1000BASE-T, 10GBASE-T (manufacturer should state AXT compliance)			
Printed :	01/26/2015 09:21:40		Signature :	
Software Version :	5.1.33		ReportXpert Version : 5.1.33	

Below is the wire diagram used to connect a CICOIL Cat6A flat cable to a standard Cat6A connector.

*Engineering Note*



Please contact CICOIL for more information.



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