

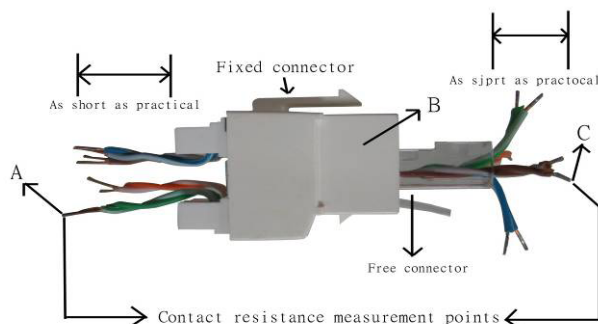
Testing on 1-KJC8C5EABXX C5EUTPKYWH



Date: 05th, Sep., 2012

Test phase B1
Initial Contact Resistance Measurement
Test Procedure:

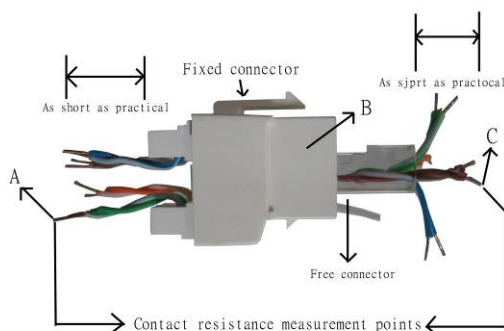
1. Measure the contact resistance of overall tip and ring pair, and save it as RAC
2. Short the contacts of tested jack as a loop, then measure the contact resistance of tip and ring pair and save it as RAB
3. Short the blades of modular plug as a loop, then measure the contact resistance of tip and ring pair and save it as RBC
4. Calculate the initial contact resistance by $RAC - (RAB + RBC)$



Part No.	1-KJC8C5ABXX	Specimens	5	Meter Model	CHITAI 5601 OHMMETER		
Atmospheric conditions			Room Temperature 21℃ ; Relative Humidity 60%				
Specified Test Condition / Ref. Standard			IEC 60512-2 ; IEC 60603-7				
Test Item	Spec. Requirement	Tip and Ring Pair	Specimens				
			1	2	3	4	5
Twisted Between Contact Resistance	Contact Resistance Initial Contact Resistance≤20mΩ	1	2.9	3.5	3.2	4.1	3.6
		2	3.8	3.7	2.5	3.9	4.5
		3	1.1	1.3	2.3	1.9	2.9
		4	3.6	4.7	3.5	4.1	3.7
		5	4.9	5.8	2.3	4.1	4
		6	3.3	2.9	2.3	1.3	2
		7	2.6	3.8	5.2	4	4.7
		8	5.2	3.3	2	4.4	4.1
Result	PASS		PASS	PASS	PASS	PASS	PASS
	FAIL						
Date	20120905	Tested by		Helen	Reviewer		

Test phase E7-1
RJ45 / Mechanical Operation Test
Test Procedure :

RJ-45 mating & unmating durability test: Measure the initial contact resistance and record it as R1. Adapt the custom-made mating/unmating machine with FCC compatible RJ-45 plug in a 10mm/sec mating speed to run 800 operations.



Part No.	1-KJC8C5ABXX			Specimens		5			Meter Model		Hung Ta HT-2328					
Specified Test Condition Ref. Standard						IEC 60512-9-1 & 60512-13-1 IEC 60603-7										
Atmospheric Conditions						Room Temperature 21°C ; Relative Humidity 60%										
Check Item:		Spec. Requirement: Continuity: No breakdown & Contact Resistance R2-R1 ≤5mΩ														
		RJ-45 Mating / Unmating durability														
		800 mating cycles														
		Specimens														
Pair		1			2			3			4			5		
		R1	R2	Continuity	R1	R2	Continuity	R1	R2	Continuity	R1	R2	Continuity	R1	R2	Continuity
1		2.9	3.8		3.5	3.5		3.2	4		4.1	4.2		3.6	3.6	
2		3.8	3.2		3.7	4.3		2.5	5.1		3.9	4.1		4.5	2.8	
3		1.1	1.6		1.3	2.7		2.3	2.2		1.9	2.3		2.9	2.5	
4		3.6	4.8		4.7	5		3.5	3		4.1	5.1		3.7	5.3	
5		4.9	3.1		5.8	3		2.3	4.4		4.1	4.7		4	3.9	
6		3.3	2.7		2.9	2.4		2.3	2.4		1.3	1.9		2	2.7	
7		2.6	4.9		3.8	3		5.2	3.5		4	4.9		4.7	3.8	
8		5.2	3.2		3.3	3.5		2	4.2		4.4	4		4.1	3.9	
Result	PASS	PASS			PASS			PASS			PASS			PASS		
	FAIL															
Date	20120905			Tested by			Helen			Reviewer						