

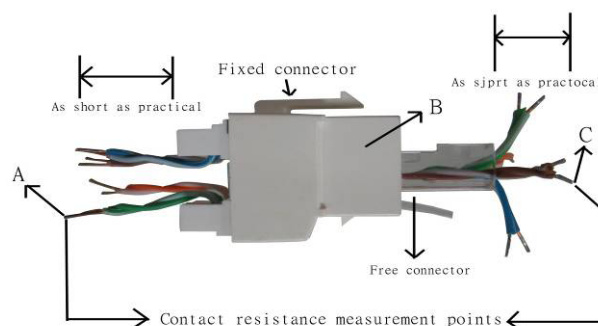
Testing on 1-KJC8C6ABXX C6UTPKYWH



Date: 05th, Sep., 2012

Test phase B1
Initial Contact Resistance Measurement
Test Procedure:

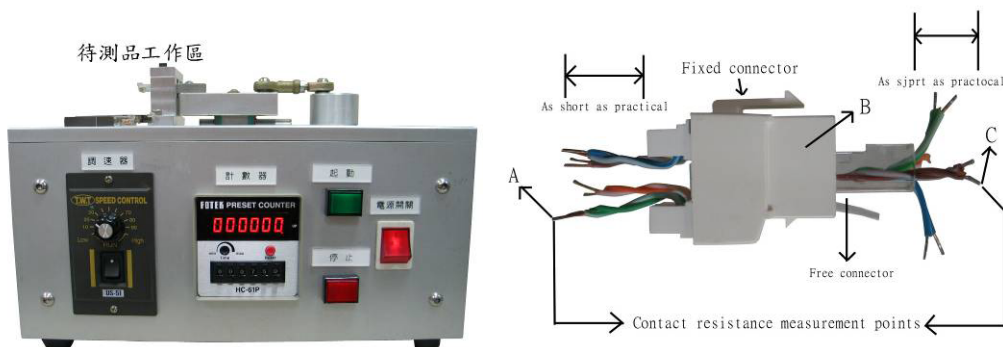
1. Measure the contact resistance of overall tip and ring pair, and save it as RAC
2. Short the contacts of tested jack as a loop, then measure the contact resistance of tip and ring pair and save it as RAB
3. Short the blades of modular plug as a loop, then measure the contact resistance of tip and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



Part No.	1-KJC8C6ABXX	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	3.2	2.9	2.9	3.3	2.6
		2	3.7	4.1	3.7	2.4	3.9
		3	1.7	2.2	3.7	1.9	1.9
		4	3.8	2.4	3.9	2.4	3.8
		5	2.7	4.6	4.1	2.7	3.7
		6	2.1	1.9	2.6	2.8	3.1
		7	3.5	3.8	3.6	4	4.4
		8	3.3	3.4	2.3	3.5	3.6
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-KJC8C6ABXX			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		3.2	2.8		2.9	2.5		2.9	4.7		3.3	2.8		2.6	3	
2		3.7	4.3		4.1	3.5		3.7	3.1		2.4	4.2		3.9	3.6	
3		1.7	2.5		2.2	3.1		3.7	3.4		1.9	3.3		1.9	2	
4		3.8	5		2.4	3.9		3.9	3.4		2.4	3.3		3.8	2.9	
5		2.7	4.3		4.6	4.1		4.1	3.9		2.7	4.6		3.7	3.3	
6		2.1	3		1.9	2.8		2.6	3.3		2.8	3		3.1	2.1	
7		3.5	4.5		3.8	2		3.6	3.5		4	3.2		4.4	3	
8		3.3	4.1		3.4	2.6		2.3	2.5		3.5	2		3.6	3.8	
Result	PASS	PASS			PASS			PASS			PASS			PASS		
	FAIL															
Date	20120905			Tested by			Helen			Reviewer						