



TO: CNSBG

SPECIFICATION FOR APPROVAL

CUSTOMER DWG. No./PART No. : N/A REV. : N/A

DESCRIPTION : N PLUG TO N PLUG FOR RG58/U CABLE ASSY

FOXCONN PART. No. : ANEM2N2-CCG41-EF REV. : X1

ATTACHMENTS:

1.DRAWING2
3.CABLE SPEC3
4.Splice4
5.Qualification5-11
2.PACKAGE SPECIFICATION12-15

PLEASE RETURN TO FOXCONN ONE COPY OF
COVER PAGE WITH YOUR APPROVED SIGNATURES.

APPROVED SIGNATURES

Approved by : Eric

Checked by: Erin Dong

Prepared by: Zhou yuan yuan

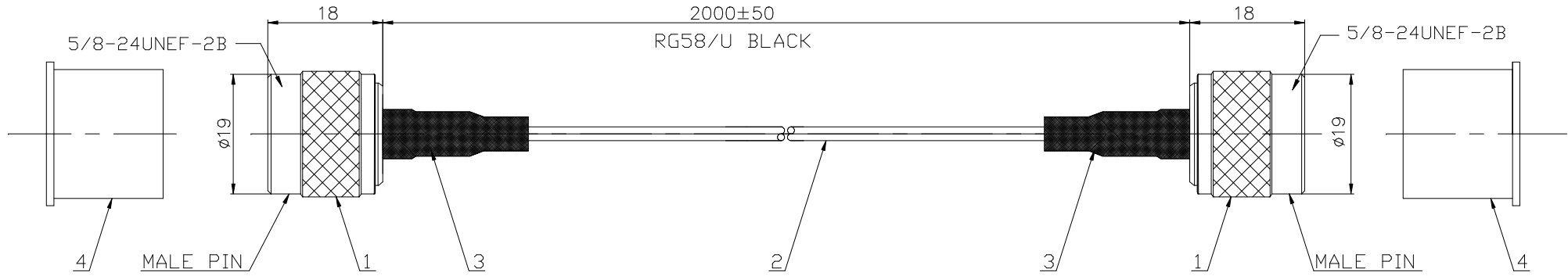
File No.: ANEM2N2-CCG41-EF

Revision No.: B

Date: 2017-5-3

REV.	ECN.	NO.	APPD.
X1	TBD.		Martin

IDEAS CENERATED DRAWING.DON'T CHANGE BY HAND.



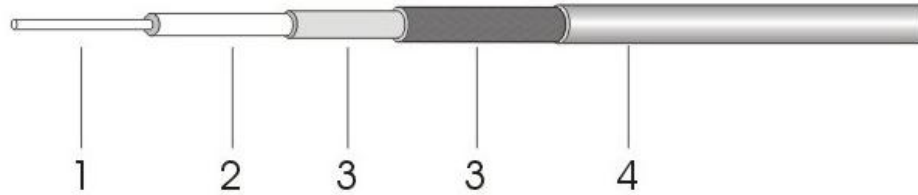
NOTES:

1.HARMFUL MATERIAL CONTROL PLEASE FOLLOW "RoHS".

4	CAP	/	2 PCS
3	H.S TUBE	H.S.TUBE BLACK	2 PCS
2	CABLE	RG58/U COAXIAL CABLE<BLACK>	1 PCS
1	CONNECTOR 1	N TYPE PLUG<MALE>	2 PCS
ITEM	PART NAME	DESCRIPTION	Q'TY

X.± 1.0	X.*±	UNITS	mm	NAME(INTENDED USE)	Foxconn® FOXCONN INTERCONNECT TECHNOLOGY LIMITED.
.X± 0.25	.X*±	MAT'L		CUSTOMER	
.XX± 0.13	.XX*±			PART NO.(INTENDED USE)	CLASS: <input type="checkbox"/> CONFIDENTIAL <input type="checkbox"/> SECRET <input checked="" type="checkbox"/> GENERAL
.XXX±	.XXX*±	FINISH		ANEM2N2-CCG41-EF	N PLUG TO N PLUG FOR RG58/U CABLE ASS'Y
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENTER OF FOXCONN INTERCONNECT TECHNOLOGY LIMITED.				APPD: Martin Lin 04/24'17	DWG NO.:
				CHKD: Louis Liu 04/24'17	TBD.
				DRAW: Kaise Qin 04/24'17	SCALE SHEET REV.
					2:1 1/1 X1

Customer: _____ Kingsignal Type: RG58 Specification No.: _____



Construction Specification/结构尺寸

Item/项目	Material/材料	Diameter/直径(mm)
1. Inner conductor/内导体	Bare copper/裸铜线	0.81
2. Dielectric/绝缘	Solid PE/实芯聚乙烯	2.95
3. Outer conductor/外导体	Non-bonded Aluminum foil+Tinned copper braid/非自粘铝箔+镀锡铜线编织	Nom. 3.50
4. Jacket/护套	Black LSZH/黑色低烟无卤聚烯烃 (防 UV)	4.95

Electrical Characteristics/电气性能

Capacitance/电容 (pF/m)	Nom. 101
Impedance/阻抗 (ohm)	50
Velocity/速率 (%)	66
Max. operating voltage/最大工作电压 (V rms)	1400
Max. operating frequency/最大工作频率 (MHz)	1000

Mechanical and Environmental Characteristics/机械和环境性能

Operating temp./工作温度(°C)	-40~+80
Min. bending radius static/最小弯曲半径, 单次(mm)	25
RoHS/RoHS 环保	符合

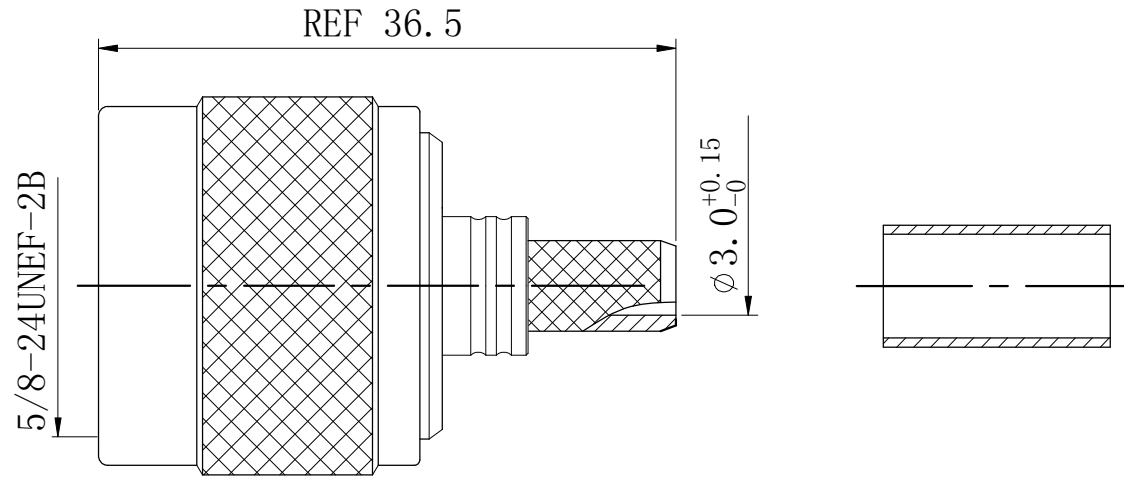
Attenuation @ 20°C and Sea Level/海平面 20°C衰减

Frequency(MHz)	Attenuation(dB/m)
100	0.22
400	0.39
1000	0.61

Revision Number: 1.0

Revision Date: 2016-11-10

RoHS Compliant



技术要求:

一、电气性能

1. 阻抗: 50Ω ;
2. 频率范围: DC~3GHz;
3. 电压驻波比: ≤ 1.15 ;
4. 绝缘电阻: $\geq 5000M\Omega$;
5. 介质耐压: 1500V ;

二、机械性能及环境性能

1. 机械寿命: 500次;
2. 盐雾试验: 螺套及主体满足720小时, 中心针满足72小时;
4. 满足IP67;
5. 适配: 连接器能与N型母头连接器适配良好;

三、材料及表面处理

1. 主体和螺套: H59黄铜, 镀三元合金;
2. 中心针: H59黄铜, 镀金;
3. 压接套管: H62黄铜, 镀镍;
4. 绝缘子、绝缘片: PTFE;
5. 防尘帽: 白色透明防尘帽, 需能套住螺套。

富士康(昆山)電腦接插件有限公司
Foxconn (Kun Shan) Computer Connector Co.,Ltd
實驗室檢測報告
Laboratory Test Report

報告日期 DATE:2017/04/13

產品名稱 :JUMPER CABLE

Part Name

料號 : ANEM2N2-CCG41-EF

Part No.

申請單位 :FAS

Applicant

報告類別 : 信賴性 精密量測 其它測試

Report Type : Qualification Precision Measure Other Test

接收日期 :2017/2/27

Receive Date.

檢測日期 2017/3/3

Test Date

檢測人員 :Team

Tested by :

審核人員 M.Han

Checked by :

Alex Zheng

核准人

Approved by

FOXCONN

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說 明

ILLUSTRATION

1. 樣品標識與檢測報告編號一致.

Specimen mark is the same as Testing NO.

2. 本報告僅對樣品有效,未經許可,不得部分复制.

The report is valid & responsible for specimen.

Copy or using separately are prohibited without permission.

3. 本報告共7頁,分離使用無效.

The report is total 7 page(s) , invalid when used separately.

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TEST SPEC AND TEST PROCEDURE

1.SCOPE

1-1 APPLICANT: MZKA18

1-2 TEST SAMPLES:20PCS

1-3 PURPOSE

This qualification test report contains the quality requirements, test procedures and test results of a qualification test program on the FOXCONN'S product Jumper Cable ANEM2N2-CCG41-EF

1-4 DOCUMENT REVISION HISTORY

Edition A:initial release

2.APPLICABLE DOCUMENTS

2-1 Document of product specification:EB6-AS00-008

2-2 Test method of electrical components:EIA-364

3.TEST SEQUENCE

3-1 TEST CONDITIONS

Unless otherwise specified, tests and examinations are conducted under conditions within the following ranges:

Temperature:15°C to 25°C

Atmospheric pressure: 86 to 106 kPa

Relative Humidity: 40% to 70%

3-2 QUALIFICATION TEST SEQUENCE

ITEM	TEST DESCRIPTION	TEST SEQUENCE								TEST METHOD
		A	B	C	D	E	G	I	H	
1	VISUAL EXAMINATION	1.4	1.4	1.4	1.4	1.4	1	1.4	1	4-1
2	VSWR TEST	2.5	2.5	2.5	2.5	2.5	2	2.5	2	4-2
3	LOW TEMPERATURE STORAGE TEST	3								4-3
4	HIGH TEMPERATURE STORAGE TEST		3							4-4
5	HIGH TEMPERATURE/HUMIDITY STORAGE TEST			3						4-5
6	TEMPERATURE SHOCK TEST				3					4-6
7	SALT SPRAY TEST					3				4-7
8	RETENTION FORCE (removal force for cable and CONNECTOR)						3			4-8
9	VIBRATION TEST							3		4-9
10	STRENGTH FORCE (removal force for cable and SMA)								3	4-10
SAMPLES SIZE PER TEST GROUP		3	3	3	3	3	3	3	3	/

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4.TEST METHOD OF INSPECTION

4-1 VISUAL EXAMINATION

The test is performed in accordance with EIA-364-18B. Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing

4-2 ELECTRICAL TEST

The test is performed in accordance with EIA-364-106. The specific test shall be ok.

4-3 LOW TEMPERATURE STORAGE TEST

The test is performed in accordance with EIA-364-59A. Leave the test samples standing at temperature range $-40^{\circ}\text{C}\pm 3^{\circ}\text{C}$ for 96 hours. Restore standard condition for 1~2 hours.

4-4 HIGH TEMPERATURE STORAGE TEST

The test is performed in accordance with EIA-364-17C. Leave the test samples standing at temperature range $90^{\circ}\text{C}\pm 3^{\circ}\text{C}$ for 96 hours. Restore standard condition for 1~2 hours.

4-5 HIGH TEMPERATURE/HUMIDITY STORAGE TEST

The test is performed in accordance with EIA-364-31C. Leave the test samples standing at temperature range $90^{\circ}\text{C}\pm 3^{\circ}\text{C}$ and humidity range $85\%\pm 5\%$ RH for 96 hours. Restore standard condition for 1~2 hours.

4-6 TEMPERATURE SHOCK TEST

The test is performed in accordance with EIA-364-32F. Leave the test samples standing at temperature range $-40^{\circ}\text{C}\pm 3^{\circ}\text{C}$ for 0.5 hour, then Leave the test samples standing at temperature range $90^{\circ}\text{C}\pm 3^{\circ}\text{C}$ for 0.5 hour.Total: 5cycles.

4-7 SALT SPRAY TEST

The test is performed in accordance with EIA-364-26B. The samples are subjected to a fine mist of salt solution.

The salt solution is made of 5% salt and 95% distilled water by weight. The samples being tested is exposed to the mist of salt solution maintained at temperature of 35°C , for a time duration of 48 hours.

4-8 RETENTION FORCE (removal force for cable and CONNECTOR)

Pull the cable at a speed of $25\pm 3\text{mm}$ per minute by tensile strength machine.

4-9 VIBRATION TEST

The test is performed in accordance with EIA-364-28F. Mated samples are subjected to 5Hz ~200Hz ~5Hz vibration test per axis. Test duration for each axis is 30 minutes (total of 90 minutes).

4-10 RETENTION FORCE (removal force for cable and SMA)

Pull the cable at a speed of $25\pm 3\text{mm}$ per minute by tensile strength machine.

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5. THE SUMMARY OF THE TEST RESULTES

GROUP "A "

Test description		REQUIREMENT	RESULT	RATE
Test step				
1	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
2	VSWR TEST	The VSWR test shall be ok.	Pass the specified requirement	PASS
3	LOW TEMPERATURE STORAGE TEST	No physical damage shall occur during testing and the samples should pass the requirements of following test items.	See the following test items	/
4	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
5	VSWR TEST	The VSWR test shall be ok.	Pass the specified requirement	PASS

GROUP "B"

Test description		REQUIREMENT	RESULT	RATE
Test step				
1	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
2	VSWR TEST	The VSWR test shall be ok.	Pass the specified requirement	PASS
3	LOW TEMPERATURE STORAGE TEST	No physical damage shall occur during testing and the samples should pass the requirements of following test items.	See the following test items	/
4	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
5	VSWR TEST	The VSWR test shall be ok.	Pass the specified requirement	PASS

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GROUP "C"

Test description Test step		REQUIREMENT	RESULT	RATE
1	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
2	VSWR TEST	The VSWR test shall be ok.	See the following test items	PASS
3	HIGH TEMPERATURE/ HUMIDITY STORAGE TEST	No physical damage shall occur during testing and the samples should pass the requirements of following test items.	See the following test items	/
4	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
5	VSWR TEST	The VSWR test shall be ok.	Pass the specified requirement	PASS

GROUP "D"

Test description Test step		REQUIREMENT	RESULT	RATE
1	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
2	VSWR TEST	The VSWR test shall be ok.	Pass the specified requirement	PASS
3	TEMPERATURE STORAGE TEST	No physical damage shall occur during testing and the samples should pass the requirements of following test items.	See the following test items	/
4	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
5	VSWR TEST	The VSWR test shall be ok.	Pass the specified requirement	PASS

GROUP "E"

Test description Test step		REQUIREMENT	RESULT	RATE
1	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
2	VSWR TEST	The VSWR test shall be ok.	Pass the specified requirement	PASS
3	SALT SPRAY	No physical damage shall occur during testing and the samples should pass the requirements of following test items.	See the following test items	PASS
4	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	Pass the specified requirement	PASS
5	VSWR TEST	The VSWR test shall be ok.	Pass the specified requirement	PASS

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GROUP"G"

Test description Test step		REQUIREMENT	RESULT				RATE
1	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	pass the specified requirements				PASS
2	VSWR TEST	The VSWR test shall be ok.	pass the specified requirements				PASS
3	REMOVAL FORCE FOR CABLE AND CONNECTOR	10N Min	F1	F2	F3	F4	PASS
			15.5	14.6	14.8	15	
			Unit : N				

GROUP"I"

Test description Test step		REQUIREMENT	RESULT				RATE
			Sample 1	Sample 2	Sample 4	Sample 5	
1	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	pass the specified requirements				PASS
2	VSWR TEST	The VSWR test shall be ok.	pass the specified requirements				PASS
3	VIBRATION	NO Physical damage.	pass the specified requirements				/
4	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	pass the specified requirements				PASS
5	VSWR TEST	The VSWR test shall be ok.	pass the specified requirements				PASS

GROUP"H"

Test description Test step		REQUIREMENT	RESULT				RATE
1	VISUAL EXAMINATION	Connectors and contacts shall have no evidence of physical defects or otherwise unfit for testing.	pass the specified requirements				PASS
2	VSWR TEST	The VSWR test shall be ok.	pass the specified requirements				PASS

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FOXCONN INTERCONNECT TECHNOLOGY LIMITED

包裝作業規範

PACKING SPECIFICATION

環保要求
符合 EPI12 規定

保密等級 Class	<input type="checkbox"/> 機密 Confidential	<input type="checkbox"/> 密 Secret	<input checked="" type="checkbox"/> 一般 General
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包裝類別 PACKAGING	BOX		
CATEGORY			

規範編號 SPEC. NO.	EB5-APAN-TBD.		
適用客戶 APPLICABLE	CNSBG		適用產品 APPLICABLE
CUSTOMER			PRODUCT
			ANEM2N2-CCG41-EF

修訂履歷 REVISION HISTORY

ECN NO	頁				次				PAGE			
REV.	1	2	3	4								

核定 Approved By	審核 Checked By	會 簽 Consigned By			制作單位 DIVISION	制作人 Prepared By
		* 自定義	生產單位	品保單位		
林長青 2017/4/25	劉海兵 2017/4/25		謝益紅 2017/4/25	董銀娟 2017/4/25	FAS-ME	秦英來 2017/4/25

環保要求
符合 EPI12 規定

保密等級 Class	<input type="checkbox"/> 機密 Confidential	<input type="checkbox"/> 密 Secret	<input checked="" type="checkbox"/> 一般 General
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規範編號 SPEC. NO.	EB5-APAN-TBD		
適用客戶 APPLICABLE	CNSBG		
CUSTOMER	適用產品 APPLICABLE	ANEM2N2-CCG41-EF	
	PRODUCT		

包裝類別 PACKAGING	BOX		
CATEGORY			

包裝作業圖示及說明 PACKING OPERATION DIAGRAM & INSTRUCTION

備註 REMARK

一：
1.將組裝測試好的組件整理OK。
2.每10PCS一捆裝入PE袋中。
3.每10袋裝入一紙箱中，共計100pcs。

1.標籤張貼位置及填寫注意事項，請參照生產管理作業標準：
(THE STICKING POSITION OF LABEL AND THE POINTS FOR ATTENTION,
外裝瓦楞紙箱及標籤應用管理辦法(文件編號:P103-P01).
REFER TO FILE: P103-P01.)
2.外箱封箱請依據ESH-KKG-003成品出貨之封箱作業標準文件，
(HOW TO SEAL THE BOX, REFER TO FILE: ESH-KKG-003.)
3.封後之外箱，在棧板上最高堆疊高度：5層。
(THERE ARE FIVE STOREYS AT MOST ON THE PALLET
AFTER SEALED BOX.)
4.包裝標籤：(PACKAGING LABEL)

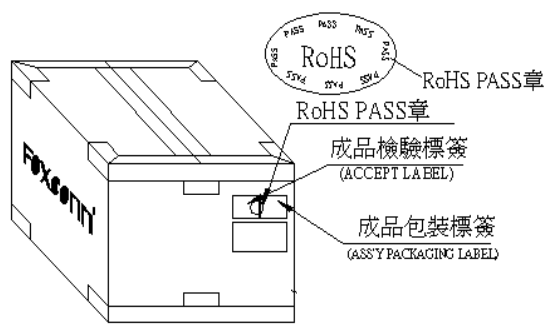
4.封箱，外箱貼標籤

FOXCONN[®]

P/N: FOXCONN P/N
C.P/N: CUSTOMER P/N #
DATE: MM/DD/YYYY <input type="checkbox"/>
Q'TY: ___ PCS W'T: ___

1.標籤中"#表客戶版次，FOXCONN料號、客戶料號及版次依計劃表為準；如CISCO無鉛料號，版次後加*；
2.標籤中MM/DD/YYYY表示：生產月份/日期/年份（例如：12/13/2009）
3.標籤中"□"表UL認可製造地代碼。
例如：B：龍華；T：台灣；K：崑山 H：淮安
4.Q'TY:裝箱數量，依包規；零數箱依實際為準。
5.W'T:產品標重，依系統為準。
備注：如產品出國外，標籤需帶"Made in china".

***若出貨為成品時，每箱實重應以實測重量為準。**



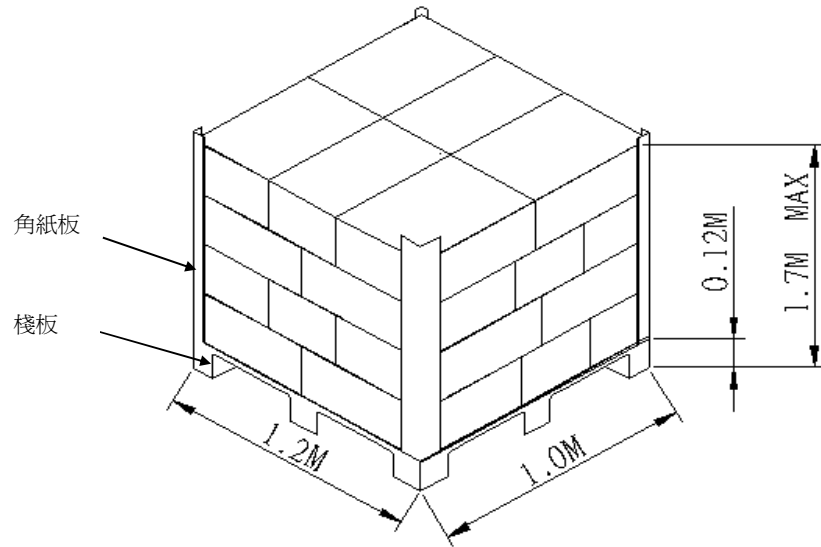
FOXCONN INTERCONNECT TECHNOLOGY LIMITED
包裝作業規範
PACKING SPECIFICATION

環保要求
 符合 EPI12 規定

保密等級 Class	<input type="checkbox"/> 機密 Confidential	<input type="checkbox"/> 密 Secret	<input checked="" type="checkbox"/> 一般 General
PAGE	3/4	REV.	A
包裝類別 PACKAGING	BOX		
CATEGORY			

規範編號 SPEC. NO.	EB5-APAN-TBD		
適用客戶 APPLICABLE CUSTOMER	CNSBG	適用產品 APPLICABLE PRODUCT	ANEM2N2-CCG41-EF

包裝作業圖示及說明 PACKING OPERATION DIAGRAM & INSTRUCTION



備註 REMARK

1. 木棧板上放滿後, 在4個角各放1PC角板, 之後於四周纏繞打包膜; 打包膜至少纏繞 3 層.(打包膜一定要從棧板底部一直纏繞到貨物頂部)
2. 棧板尺寸為1.2M×1.0M×0.12M, 0.12M為支承木塊的高度.
3. 棧板必須為木質的, 包括原木和膠合木.
4. 棧板連同貨物堆積高度不大于1.4M.
5. 木棧板上每層最多擺放8箱, 每棧板最多放5層, 共40箱。(棧板連同貨物堆積高度不大于1.7M)。

