

源创星电子（深圳）有限公司

Yuanchuangxing electronics (Shenzhen) CO., LTD.

Customer Name: Junneng

Customer Moder:

Customer P/N: 01E1EW0500042

Customer Describe:

YCX P/N: YCX09N-B492-72G

Customer Describe: 5G antenna (FPC L31.2*W13) Gray Cable1.13 length L=72mm With IPEX

PRODUCT SPECIFICATION

Signature and seal of confirmation					
YCX Approved			Customer Approved		
Sample	audit	approved	validation	audit	approved
Zouyc					
YCX Approved By			Customer Approved By		
Date	2021-11-11		Date	2021-11-11	

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File for amendment/revocation/resume

[illegible]

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REV.		CHANGE DESCRIPTION		DATE	SIGNATURE
A1		New		2021.11.11	zyc

Technical requirements:

- Electrical parameters:
 - Impedance : 50 Ω
 - Frequency : 5150-5850MHz
 - VSWR : < 2.0
 - Peak Gain : 5.31dBi MAX
 - Polarization : Linear
 - Radiation Patten: Omni directional
- Mechanical properties:
 - Storage Temperature Range: -40 TO +85° C
 - Operating Temperature Range: -40 TO +85° C
- All material must meet ROHS request
- Mark(△)as the key control dimensions

					TOLERANCE		源创星电子（深圳）有限公司 Yuanchuangxing electronics (Shenzhen) CO., LTD.			
⑥					.XXX	±0.05		DRAWN BY	zyc	PART NO.: YCX09N-B492-72G
⑤					.XX	±0.1		CHECKED BY	Mike	
④			1	PCS	.X	±0.2		APPROVED BY	Sky	TITLE: 5G antenna Gray Cable1.13 L=72mm With IPEX
③	Connect	IPEX 1.13 Gold	1	PCS	X	±0.25				
②	cable	1.13Gray	1	PCS	XX	±1				
①	FPC	Black L31.2*W13	1	PCS	XXX	±2				
NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY	UNIT	MATERIAL	AS DIMENSION	SCALE : 1 : 1	CAD FILE:	DWG TYPE: PRODUCT DRAWING	

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5、Passive performance test parameters

Frequency(GHz)	5.15	5.55	5.85
VSWR	1.47	1.12	1.17



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Freq (MHz)	Effi (%)	Gain (dBi)		
5150	72	5.31		
5550	67	5.21		
5850	65	5.25		

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7、Electrical performance test report

Electrical parameters	
Frequency range	5150-5850Mhz
input impedance	50Ω
VSWR	<2.0
Gain	5.31dBi MAX
Polarization mode	Vertical polarization
Radiation direction	omnidirectional
connection method	IPEX
Mechanical parameters	
Cable	
Salt spray test	
Environmental parameters	
Working temperature	-40~85℃