

Product Number: IPEX1-IPEX1-0.5M
Product Name: Coaxial Cable


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1. Specification

Sample Photo	
	
A. Electrical Characteristics	
Frequency	DC 3 GHz
Impedance	50 Ohm
V.S.W.R.	≤ 2.0
Insertion Loss	$\leq -2.5\text{dB}$
Voltage (breakdown)	$> 500\text{V}$
B. Material & Mechanical Characteristics	
Material of Conductor	Cu
Connector Type	IPEX
Pull Test of Mini Connector	$\geq 1\text{ Kg}$
Mating Cycles	> 500
C. Environmental	
Operation Temperature	$- 40\text{ }^{\circ}\text{C} \sim + 65\text{ }^{\circ}\text{C}$
Storage Temperature	$- 40\text{ }^{\circ}\text{C} \sim + 80\text{ }^{\circ}\text{C}$

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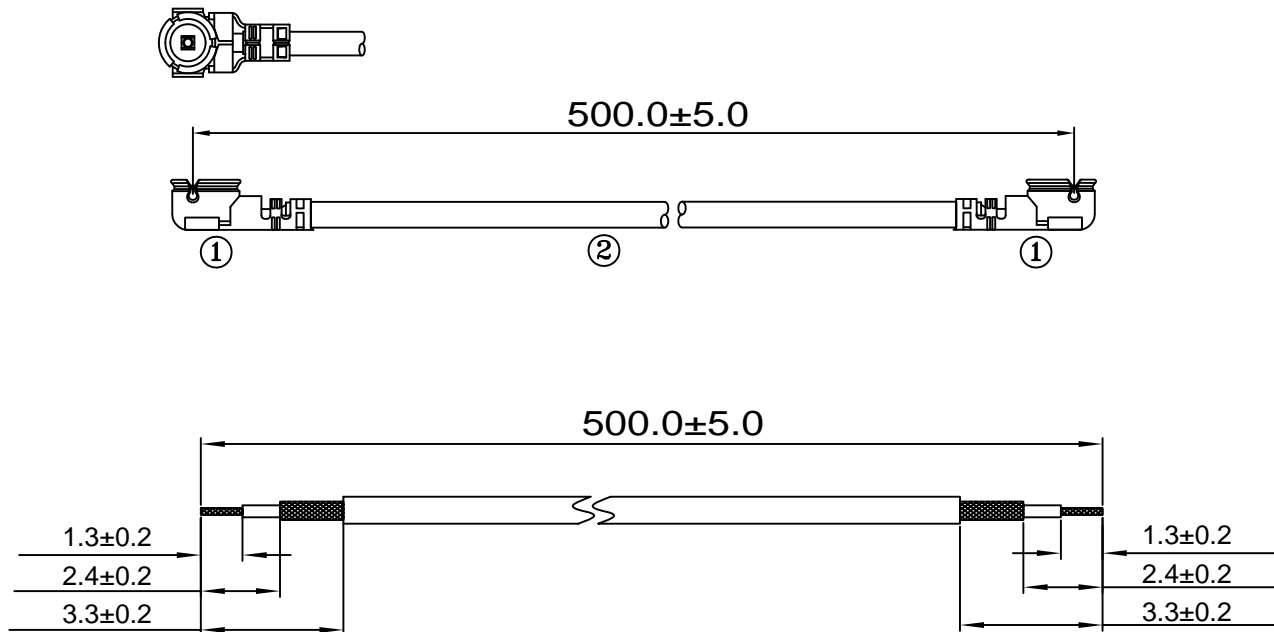
2. Characteristics and Reliability Test

Test Items		Test Condition and Procedure	Requirements	Result
C1	V.S.W.R.	Set DUT on Network Analyzer; make individual calibration to test	Directive DUT specification	PASS
C2	Insertion Loss	Set DUT on Network Analyzer; make individual calibration to test	Directive DUT specification	PASS
M4	Pull Test	Holding with individual specification; force applied to axis of terminal .	1. Directive DUT specification 2. Frequency Tol.≤5%	PASS
M6	Dimension	Inspection of dimension, color, material, package, surface process.	Directive DUT specification	PASS
E2	Salt Spray	GB / T 2423.17-2008 Temp: 35°C; RH: ≥ 95%; NaCl solution: ≥ 5%;Time: 24H	1. No Visual Damage 2. Frequency Tol.≤5%	PASS
E3	Temperature and Humidity Chamber	GB / T 2423.3-2006 Temp: 80°C / 12 H; -40°C / 12H RH: ≥ 90%; Time: 24H	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol.≤5%	PASS
E5	Aging test	GB /T 2423.2 - 2008 Temp: 80°C; Time: 24 hours	After 2 Hours Recovery 1. No Visual Damage 2. Frequency Tol.≤5%	PASS
R1	RoHS	With Reference to IEC 62321:2008 with flow chart	Directive RoHS 2011/65/ EU	PASS
R2	PFOS	With Reference to USA EPA 3550C:1996 by LC/MS	Directive RoHS 2006/122/EC	PASS

RoHS

Compatible

SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			



2	Cable	1.13	L= 500mm	1
1	CR-113			2
NO	Description	Material	Specification	Q'ty

TITLE: OD1.13mm					
PART NO.: IPEX1-IPEX1-0.5M			CUSTOMER P/N:		
APP BY	CHK BY	RF BY	DES BY		Tolerance
LQ	DJC		DJC	UNITS: mm	X.X ±0.5
2024-12-10	2024-12-10		2024-12-10		SCALE: 1/1
				REVISION: A	X° ±1°