REV.	DESCRIPTION	APPD.	DATE
A	INITIAL RELEASED	Chen	2021/07/20

TYPICAL SPECIFICATIONS

1.0.ELECTRICAL

1.1.FREQUENCY RANGE: DC-6GHZ

1.2.NOMINAL IMPEDANCE: 50 Ohm

1.3.DIELECTRIC WITHSTANDING VOLTAGE:200V AC FOR 1MINUTE.

1.4.VSWR:1.5 MAX.

2.0.MECHANICAL

2.1.DURABILITY:30TIMES Min.

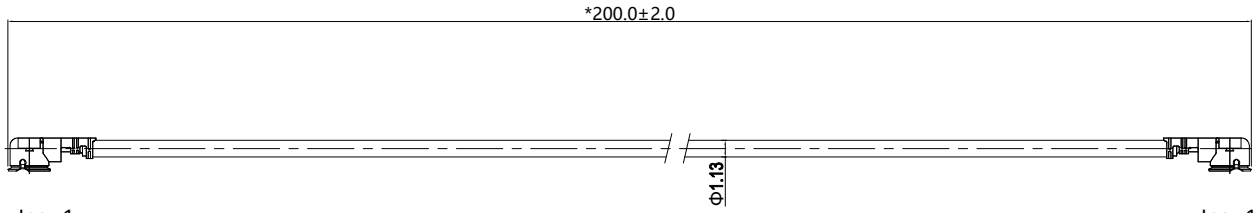
3.0.ENVIRONMENTAL

3.1.OPERATING TEMPERATURE RANGE: -55℃ TO +125℃

3.2.SALT SPRAY:48HOURS

3.3.RoHS COMPLIANT

3.4.REACH COMPLIANT



同轴电缆技术规格		
Construction Specification / 结构尺寸		
Item/项目	Material/材料及工艺	Diameter/直径(mm)
1.Inner conductor/内导体	Tinned copper/ 镀锡铜	φ0.24±0.01
2.Dielectric/绝缘介质	FEP	φ0.68±0.02
3.Outer Conductor/外导体	Silver-Plated Copper Wire Braiding/镀银铜丝编织	φ0.92±0.05
4.Jacket/护套	PVC/黑色	φ1.13±0.05
Electrical Properties (at 20℃) /电气特性(20℃)		
项目/Item	单位/Unit	详细资料/Details
导体电阻/Conductor Resistance	Ω/km	588.85 OHM
耐压强度(AC)/Dielectric Strength(AC)	V/1 Min	1000
特性阻抗/Impedance	ohm	50±2(at 1ns@TDR)
驻波比 Standing wave ratio	/	≤1.3@0-6GHz
衰减 Attenuation	频率 Frequency	标准值 Standard vaalue 单位 Unit:dB/m
	1GHz	≤2.32
	2GHz	≤3.27
	3GHz	≤4.01
	4GHz	≤4.64
	5GHz	≤5.17
	6GHz	≤5.69

Number	Component Name	Material	Dosage
①	IPEX 1	C5210 Gold plating 1u"	1

DIMENSIONS ARE IN MILLIMETERS

UNLESS OTHERWISE SPECIFIED TOLERANCES

ANGLES = ±3°

UP TO 6 = ±0.1

6-40 = ±0.2

40-120 = ±0.6

120-315 = ±1.0

ABOVE 315 = ±1.6

CUS P/N: ACA-IPEX1 TO IPEX1 001

PART NO.: M00-0103260R0A

APPD:

CHKD:

DR:

ABOOSTY 爱比速

TITLE: Adapter cable

DWG NO.:

SCALE	SHEET	REV.
1:1	1/1	V01