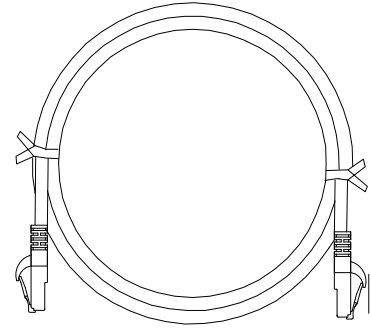
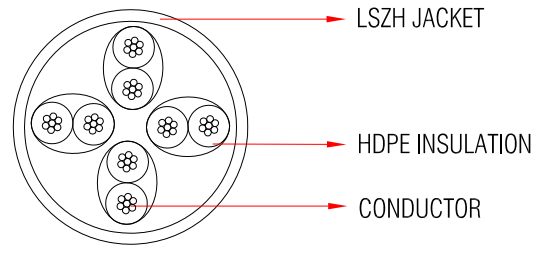
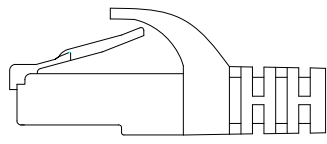
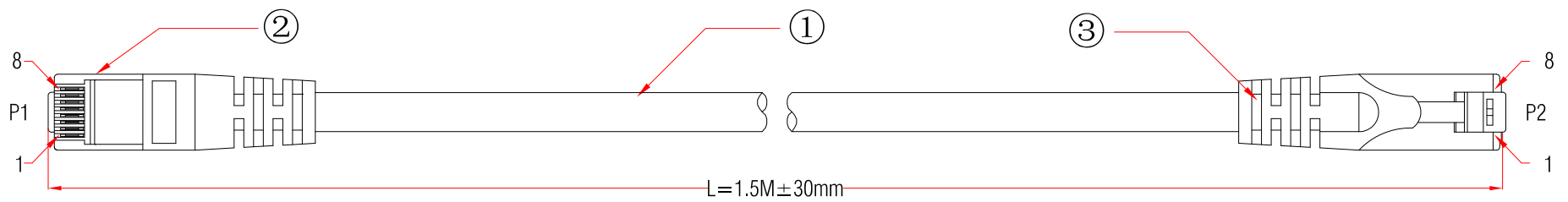


No.	REVISED	DRAWN	DATE
①			
②			
③			



CONNECTIONS		
P1	COLOR	P2
1	OR/WH	1
2	OR	2
3	GN/WH	3
4	BL	4
5	BL/WH	5
6	GN	6
7	BR/WH	7
8	BR	8

No.:	Part Name & Description	Q'ty
1	CAT.5e UTP 24AWG(0.195x7) x 4P , OD:5.3±0.2mm, LSZH Blue Jacket ,L=1.5M	1 pc
2	8P8C Plug , Gold Flash: Fu"	2 pcs
3	PVC Claw SR	2 pcs
4	1pc/ Bag, Big Bag + Carton Box	
CABLE MARKING:		
CATEGORY 5E PATCH CABLE 4PR 24AWG UTP LSZH ANSI/TIA 568.2-D		

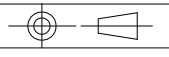


SCALE
1:1

ITEM N.O.: C5e-UTP-24-LSZH-1.5M
 DRW DATE: 2021-04-23
 CHANGING DATE:

DRAWN BY: Pingdeng .D
 CHECKED BY: *Jane zhou*
 APPROVED BY:

CUSTOMER BY:
 APPROVED BY:
 3 R D



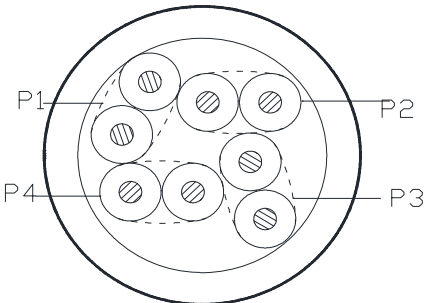
SPECIFICATION

1.Scope:
The specification established a description for a HDPE insulation and LSZH jacket cable.

2.Design and Construction Data

Item	Description	
Conductor	No. of pair	4
	Material	Bare copper wire
	Construction	7/0.195±0.008
Insulation	Material	HDPE
	Nom. Thickness	0.17
	Nom. O.D.:	0.94±0.05
	Color	Per cross-section
Jacket	Material	LSZH
	Nom. Thickness	0.58
	Nom. O.D.:	5.30±0.20
	Color	Blue(RAL5015)
Marking	CATEGORY 5E PATCH CABLE 4PR 24AWG UTP LSZH ANSI/TIA 568.2-D	
	Color	Black

3.Cross-section



P1:Blue-White/Blue
 P2:Orange-White/Orange
 P3:Green-White/Green
 P4:Brown-White/Brown

4.Physical and Electrical Performance

Item	Requirement
Spark test for insulation (DC) kv	2.50
Conductor resistance max. at 20°C ohm/km	87.6
Characteristic impedance ohm	100(Nom)
Propagation delay skew ns/100m	45

5. Data transmission performance

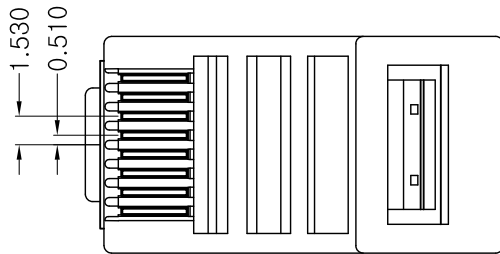
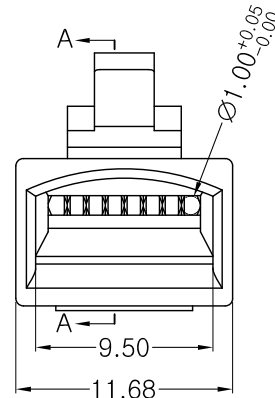
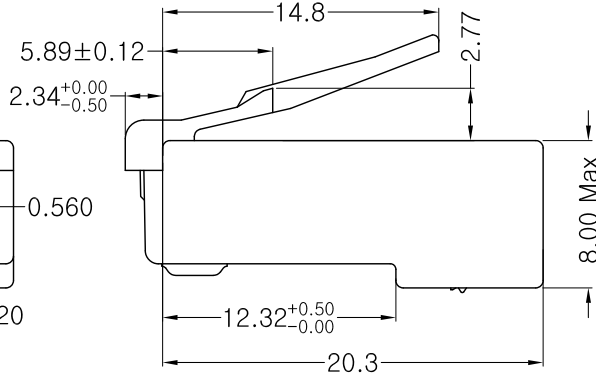
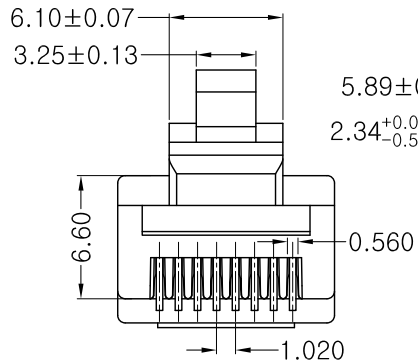
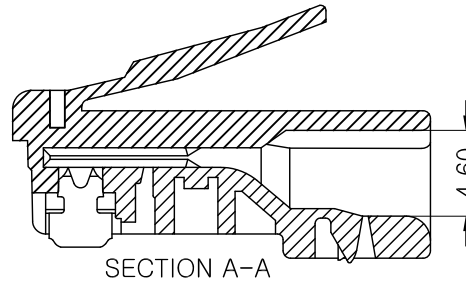
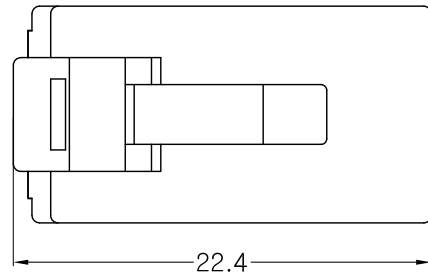
Frequency	RL	NEXT	PSNEXT	ELFEXT	PSELFEXT	Delay
1	20	65.3	62.3	63.8	60.8	570
4	23	56.3	53.3	51.8	48.8	552
8	24.5	51.8	48.8	45.7	42.7	547
10	25	50.3	47.3	43.8	40.8	545
16	25	47.2	44.2	39.7	36.7	543
20	25	45.8	42.8	37.8	34.8	542
25	24.2	44.3	41.3	35.8	32.8	541
31.25	23.3	42.9	39.9	33.9	30.9	540
62.5	20.7	38.4	35.4	27.9	24.9	539
100	19	35.3	32.3	23.8	20.8	538

6.Remark:
 The unit of the dimension is mm unless specified in the specification.
 The cross section do not represent the actual size for your information.

		Customer:	C210
Spec. No.	Q-2021040079	P/N:	
Issue Date	2021/4/22	Title	UTP Cat 5E Patch Cable
Version	00	Construction	24AWGX4P
Edited		Checked	
Approved		Approved	page 1 of 1

10*3188** **

流水号
膜厚
材质



变更 CHANGE			
版本 EDITI	变更内容 MODIFICATION	变更日期 UPDATE DATE	签名 SIGNATURE

NOTES:

- Operation Temperature: -40°C ~ +85°C.
- Electrical Characteristics:
 - Rated Current: 125V AC, 1.5A@25°C.
 - Contact Resistance: 20mΩ Max.
 - Insulation Resistance: 500MΩ Min, 100V DC/min.
 - Voltage Proof: 1000V AC/1 minute no breakdown.
- Mechanical Characteristics:
 - Insertion Force & Withdrawal Force: 30N Max.
 - Durability: 750 cycles Min.
- Environmental compliance:
 - the products are compliant with the RoHS, and REACH etc.

说明:

- 使用温度范围: -40°C ~ +85°C.
- 电气特性:
 - 电压、电流规格: 125V AC 1.5A@25°C.
 - 接触电阻: 20mΩ 最大.
 - 绝缘电阻: 500MΩ 至少 100V DC/分钟.
 - 耐电压: 1000V AC/分钟, 无击穿.
- 机械特性:
 - 插入力&拔出力: 30N 最大.
 - 耐久性: 750次至少.
- 环保符合性:
 - 产品符合RoHS, REACH等环保规格.

1	水晶头 Modular Plug	金片 Contacts	8PCS	/	2叉 <input type="checkbox"/> 2Prongs 3叉 <input checked="" type="checkbox"/> 3Prongs	G/F" <input checked="" type="checkbox"/> 1u" <input type="checkbox"/> 3u" <input type="checkbox"/> 6u" <input type="checkbox"/> 15u" <input type="checkbox"/> 30u" <input type="checkbox"/> 50u" <input type="checkbox"/> OTHER <input type="checkbox"/>	黄铜 <input checked="" type="checkbox"/> Brass 磷铜 <input type="checkbox"/> Phosphor copper
		胶壳 Housing	1PCS	20*3188**	MP8P8C/UTP胶壳/长身/线孔1.00mm		94V-2 <input checked="" type="checkbox"/> 94V-0 <input type="checkbox"/>
编号 NO.	名称 NAME	数量 QTY	料号 PART NO.	品名规格 DESCRIPTION		材质 MATERIAL	

产品编号 PRODUCT NO	10*3188**	品名规格 DESCRIPTION	MP8P8C/UTP水晶头/长身/线孔1.00mm	页次 SHEET.	1/1
材质 MATERIAL	/	单位 UNIT	mm	图号 DWG NO	MP11046
尺寸公差表 DIMENSIONAL TOLERANCE		第三视角法 THIRD ANGLE PROJECTION		制图 DRAWN	刘志文
X.X	±0.2			日期 DATE	2017.06.10
X.XX	±0.10			日期 DATE	
X.XXX	±0.05			日期 DATE	
ANGLE	±2°			日期 DATE	