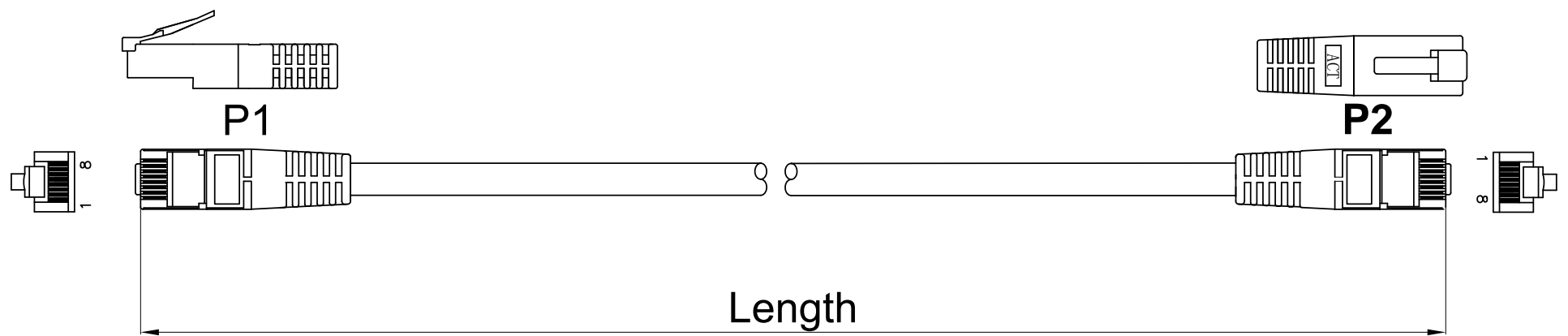
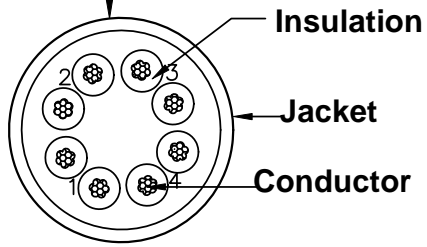


1	2	3	4	5	6	7	8	9	10
CUSTOMER NAME	資學					DATE	REV	DESCRIPTION	BY
CUSTOMER Part No.						2018.02.09	A/0	NEW	LHY
						2021.05.25	A/1	Modify the print	XHJ



Marking: ACT CAT.6 U/UTP LSZH 24AWGX4P PATCH ETL/3P VERIFIED TO ANSI/TIA-568.2-D& ISO/IEC 11801 ED.2 & EN 50288-6-2 & IEC 60332-1-2 LEADFREE EN71 15000.001



CUSTOMER Part No.	Color	Length	RAL NO.
IB90XX	GRAY	XXXX	RAL7045
IB95XX	RED	XXXX	RAL3018
IB96XX	BLUE	XXXX	RAL5009
IB97XX	GREEN	XXXX	RAL6018
IB98XX	YELLOW	XXXX	RAL1018
IB99XX	BLACK	XXXX	RAL9011

PINOUT			
P1(T568B)		P2(T568B)	WIRE
1	X	1	WHT/ORG
2		2	ORG
3	X	3	WHT/GRN
6		6	GRN
4	X	4	BLU
5		5	WHT/BLU
7	X	7	WHT/BRN
8		8	BRN

Conductor	Bare Copper 24AWG
Insulation	Thickness:MIN at any point:0.15mm MAX AVG:0.25mm Diameter:1.03±0.06mm
Jacket LSOH	Thickness:MIN at any point:0.55mm MAX AVG:0.65mm Diameter:5.8±0.20mm
Wire	CAT.6 UTP 24AWG*4P
Plug	YUS-06 8P8C 50u"

NOTE:
 1.ELECTRICAL TEST:
 <1> 100% OPEN SHORT & MISS WIRE TEST
 <2> max operating temperature : -20° ~60°
 2. Delay skew :≤45ns/100m
 3. NVP : 69%
 4. Minimum bending radius : 8xOD (Outer diameter)
 5. Tensile force:110N



Part No.				
Description	CAT.6 UTP (W/O Cross) 24AWGX4P LSOH			
UNIT	mm	APPROVAL	CHECKER	DRAWER
PAGE	1/1			XHJ
Draw.No.				

Product Specification

Product	CAT6 UTP STR 24AWG×4P		NO.		Page	1/2
Edition	A/0	Established Date		Revised Date	2018.02.09	
Approval		Checked		Finish	LHY	

Configuration & Physical Characters

1. Conductor	Material	Bare Copper	
	Size	24AWG	
	Construction	7/0.196±0.008mm	
2. Insulation	Material	HDPE	
	Thickness	MIN at any point:0.15mm MAX AVG:0.25mm	
	Diameter	1.03±0.06mm	
	Color	Blue/White-Blue	
		Orange/White-Orange	
		Green/White-Green	
		Brown/White-Brown	
Elongation	MIN 300%		
Tensile strength	MIN1.682Kg/mm ²		
3. Sheath	Material	LSOH	
	Thickness	MIN at any point:0.55mm MAX AVG:0.65mm	
	Diameter	5.8±0.2mm	
	Color	Assorted upon request	
	Elongation	MIN 100%	
	Tensile strength	MIN 1.407Kg/mm ²	
	Aging at 100°C for 168Hrs	Min elongation retention:50% Min tensile strength retention:75%	
4. Marking	Assorted upon request		
5. Flame Test	Burning five times, every time is less than 60 second and paper flag can't be burned		

