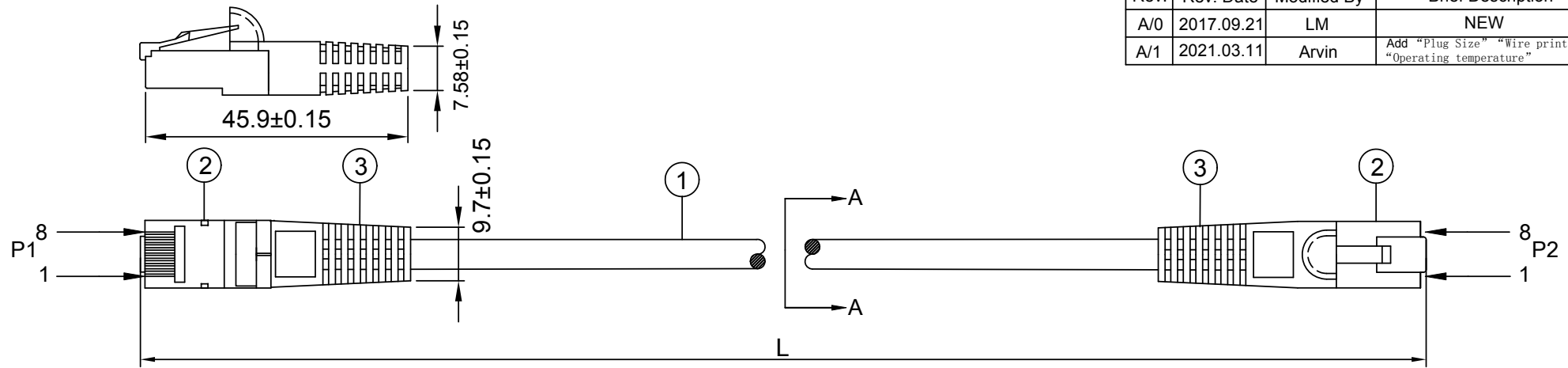
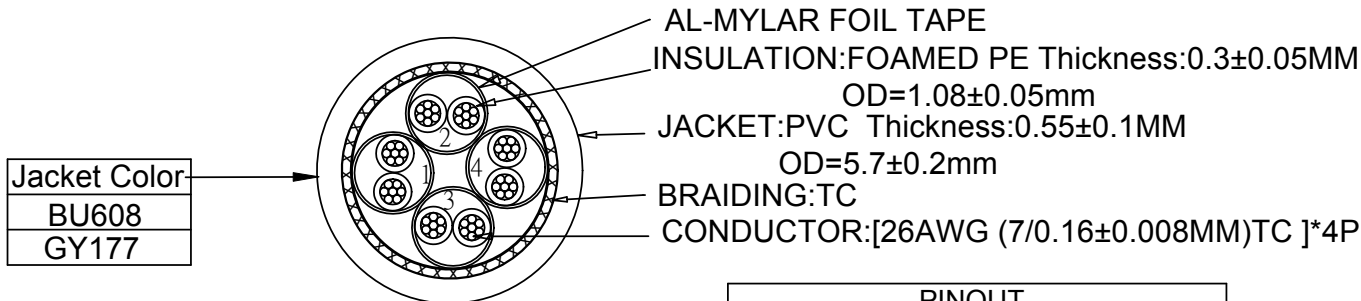


NOTE: ALL MATERIAL COMPLIANT ROHS STANDARD

REVISION INFORMATION			
Rev.	Rev. Date	Modified By	Brief Description
A/0	2017.09.21	LM	NEW
A/1	2021.03.11	Arvin	Add "Plug Size" "Wire printing" "Operating temperature"



INK MARKING <FP2053> : YFC CAT.7 SSTP PATCH 3P VERIFIED TO ANSI/TIA-568.2-D & ISO/IEC 11801 ED.2 & EN 50288-4-2 & IEC 60332-1-2 ▲ 26AWGX4P CMX(UL)



Jacket Color
BU608
GY177

orange 1	green 2
white/orange	white/green
blue 3	brown 4
white/blue	white/brown

PINOUT		
P1	WIRE	P2
1	WHITE/ORANGE	1
2	ORANGE	2
3	WHITE/GREEN	3
6	GREEN	6
5	WHITE/BLUE	5
4	BLUE	4
7	WHITE/BROWN	7
8	BROWN	8
SHELL	BRAID	SHELL

Operation Temperature:-20°C~+60°C
conductor resistance:152↓(Ω/Km) at 20°C

L(ft)	T(inch)	T(%)	L(ft)	T(inch)	T(%)
1	±1.2	10%	15	±3.15	1.75%
2	±1.2	5%	20	±4	1.67%
3	±1.2	3.33%	25	±4	1.33%
4	±1.2	2.5%	30	±6	1.67%
5	±1.2	2%	40	±6	1.25%
6	±1.2	1.67%	50	±6	1.0%
7	±2	2.38%	60	±6	1.0%
8	±2	2.08%	70	±6	0.67%
9	±2	1.85%	80	±6	0.59%
10	±2	1.67%	90	±6	0.5%
12	±2	1.39%	100	±6	0.5%



NO.	PART NAME	SPECIFICATION DESCRIPTION	QT'Y	UNIT
③	MOLD	PVC YUS-07	A/R	Kg
②	PLUG	8P8C 50U RJ45	2	PCS
①	CABLE	CAT.7 SSTP PVC 26AWG*4P TC	A/R	M

DRAWN BY Arvin	DATE: 2021/03/18	DESCRIPTION: LAN PATCH C7 SSTP 26AWG 4P
CHECKED BY YB	SHEET 1 of 1	ITEM NO.
APPROVED BY CQ	SCALE 1:1	REV. 01 UNIT:mm

Category 7 PIMF Patch Cable, 26AWG×4P, PVC

STANDARD COMPLIANCES

All Proposed Category 7 requirements as per ANSI/TIA, ISO/IEC, and CENELEC EN Standards.

ANSI/TIA-568-B.2-1

ISO/IEC 2nd Edition 11801 CLASS F

CENELEC EN 50173-1

CENELEC 2nd Edition EN 50288-4-2, IEC 61156-6 for patch cable

Flame Retardancy is verified according to IEC 60332-1-2.

We implemented RoHS compliance for the requirement of European Union issued Directive 2002/95/EC

CONSTRUCTION & CHARACTERISTICS

Conductor	Material / Size	Bare Copper / 26AWG
Insulation	Material	Foam-Skin PE
	Thickness	Nominal: 0.3 mm
	Diameter	Nominal: 1.08 mm
	Colors	Blue/White Orange/White Green/White Brown/White
	Unaged Elongation	Min. 100%
	Unaged Tensile Strength	Min. 0.816 Kgf/mm ²
Screen	Material	Aluminum-Mylar tape and tinned copper braid
Jacket	Material	Flame Retardant PVC
	Thickness	Nominal: 0.5 mm
	Diameter	Nominal: 5.7 mm
	Color	Assorted upon request
	Unaged Elongation	Min. 100%
	Unaged Tensile Strength	Min. 1.407Kgf/mm ²
	Aging at 100°C for 168Hrs	Min. elongation retention: 50% Min. tensile strength retention: 75%
	Marking	YFC CAT.7 SSTP PATCH 3P VERIFIED TO ANSI/TIA-568-B.2-1 & ISO/IEC 11801 ED.2 & EN 50288-4-2 & IEC 60332-1-2 26AWGX4P CM(UL) c(UL) E164469-XX or as customer request.

APPROVALS

UL/cUL Listed

3P Certified ANSI/TIA-568-B.2-1 Category 7 Testing Performance requirements.



APPLICATIONS

10GBASE-T Ethernet
 1000BASE-Tx Gigabit Ethernet
 10BASE-T, 100BASE-TX Fast Ethernet (IEEE 802.3)
 100 VG - AnyLAN (IEEE802.12)
 550 MHz Broadband Video
 Voice, T1, ISDN
 155/622 Mbps ATM

ELECTRICAL PERFORMANCES

Dielectric Strength of Insulation		1000 V dc / 2 seconds		
Insulation Resistance Test		Min. 5000 MΩ · Km		
Conductor Resistance		Max. 9.38 Ω/100m at 20°C		
Resistance Unbalance		Max. 2%		
Capacitance Unbalance		Max. 160 pF/100m		
Mutual Capacitance		Max. 5600 pF/100m		
Impedance	64kHz	125Ω ± 20%		
	1~250MHz	100Ω ± 15%		
	300~600MHz	100Ω ± 25%		
Attenuation & Near End Cross Talk	Frequency (MHz)	Max.Attenuation (dB/100 meters)	NEXT (dB), Min.	PSNEXT (dB), Min.
	1 MHz	2.4*	74.3*	72.3*
	4 MHz	4.5*	65.3*	63.3*
	10 MHz	6.4*	59.3*	57.3*
	16 MHz	9.1*	56.2*	54.2*
	20 MHz	10.2*	54.8*	52.8*
	31.25 MHz	12.8*	51.9*	49.9*
	62.5 MHz	18.5*	47.4*	45.4*
	100 MHz	23.8*	44.3*	42.3*
	200 MHz	34.8*	39.8*	37.8*
	300 MHz	43.7*	37.1*	35.1*
	600 MHz	65.4*	32.6*	30.6*
<p>The asterisked (*) value are for information only. The minimum Next coupling loss for any pair combination at room temperature is to be greater than the value determined using the formula: $NEXT(f \text{ MHz}) \geq NEXT(0.772) - 15 \text{ LOG}_{10}(f \text{ MHz} / 0.772) \text{ dB}$</p>				