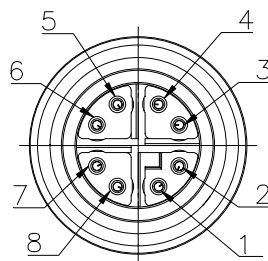


P/N	L±T
	2000±5%
	3000±5%
	5000±5%
	10000±5%



Scale 2:1

Specifications:

1. Poles: 8.
2. Rated Voltage: 48V.
3. Rated Current: 0.5A.
4. Contact resistance:<15mΩ.
5. Insulation resistance:>100MΩ.
6. protection:IP68,Mated.
7. Temperature range:-40°C~85°C.
8. Transmission performance(Category):Cat 6A.

Terminal	Wire Harness		Terminal
Shield	Drain	地線	Shield
8	Blue	藍	4
7	Blue/White	藍/白	5
6	Brown	棕	8
5	Brown/White	棕/白	7
4	Green	綠	6
3	Green/White	綠/白	3
2	Orange	橙	2
1	Orange/White	橙/白	1
P1	Wire Color		P2
Pin Out			

Twist
Twist
Twist
Twist

Note:

1. Housing:Zinc Alloy,Nickel Plated.
2. Nut:Brass ,Nickel Plated.
3. Contact:Brass,Gold Over Nickel Plated.
4. Plastic Housing :PBT,Color: Green.
5. Cable:S/FTP 26AWG*4P,LSZH Jacket.OD=ø6.5±0.3mm.
6. Over Molding : TPU,Color: Black.

RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

DRAWING BY CY

X. ± 0.50

CHECKED BY GENIUS

.X ± 0.38

UNIT / mm

SCALE 1 : 1

.XX ± 0.25

DATE

.XXX ± 0.10

ANG ± 3°

SIZE A4

PJECTION

照片框

ORDER INFORMATION

M12RJ-08X0826C6A-MxxM-LF

SERIES

LEADFREE

08 X CODE TO 08 WAY

26 AWG

CAT.6A

2M:2000mm
3M:3000mm
5M:5000mm
10M:10000mm

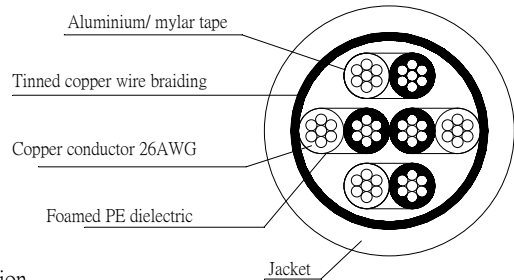
MALE TO MALE

DESCRIPTION:

煜倫股份有限公司

www.morethanall.com

CABLE SPECIFICATION(線材規格書)



S/FTP Patch Cat.6A
Cable:4 Pair 26AWG Patch

Reference Standards
IEC 61156-6:ANSI/TIA-568-C.2

Construction

Conductor Stranded plain anneal copper wire 7x 0.16 +0/-0.009mm(AWG26)
 Insulation Foamed PE. 1.08+/-0.05mm
 Twisting 4 twisted pairs. 2 single conductors paired.
 Twisted pair color code:
 1:white/blue 2.white/orange
 3.white/green 4.white/brown
 Cable lay up 4.pairs with different pitches
 Individual Shielding A layer of aluminum-foil laminated tape will be wrapped over the twinning,the aluminum side face-out.
 Shielding Tinned copper wire braiding,normally with mini.35% coverage
 Outer diameter 5.82+/-0.3mm LSZH (beige 貝吉色)

Mechanical Properties

Bending radius $\geq 4xOD$ without load
 $\geq 8xOD$ with load
 4 twisted pairs. 2 single conductors paired.
 Temperature range,
 during operation -20°C up to 60°C
 during installation 0°C up to 50°C

Electrical Properties(at 20°C±5°C)

DC resistance max.14.5Ω/100m at 20°C
 Resistance unbalance max.2% at 20°C
 Insulation resistance(500V) min. 150MΩ/Km at 20°C
 Mutual capacitance mom. 4.6nf /100 m at 1 kHz
 Capacitance unbalance (pair to ground) max.330 pf/100 m at 1 kHz
 Nominal velocity of propagation nom. 78 %
 Test voltage (DC,1 min) 750V /1 min

CABLE SPECIFICATION(線材規格書)

Frequency (MHz)	Impedance (Ω)	Attenuation (dB) Max.	NEXT (dB) Min.	PSNEXT (dB) Min.	ACRF (dB) Min.	PSACRF (dB) Min.
4	100 ±15	5.8	66.3	63.3	56.0	53.0
10		9.0	60.3	57.3	48.0	45.0
16		11.4	57.2	54.2	43.9	40.9
20		12.8	55.8	52.8	42.0	39.0
31.25		16.1	52.9	49.9	38.1	35.1
62.5	100 ±25	23.3	48.4	45.4	32.1	29.1
100		29.9	45.3	42.3	28.0	25.0
125		33.8	43.8	40.8	26.1	23.1
200		43.8	40.8	37.8	22.0	19.0
250		49.7	39.3	36.3	20.0	17.0
500		74.1	34.8	31.8	14.0	11.0

Frequency (MHz)	Return Loss (dB) Min	Propagation Delay (ns) Max.	Delay Skew (ns) Max.
4	23.0	552.0	45
10	25.0	545.4	
16	25.0	543.0	
20	25.0	542.0	
31.25	23.3	540.4	
62.5	20.7	538.6	
100	19.0	537.6	
125	18.1	537.2	
200	16.4	536.5	
250	15.6	536.3	
500	15.6	535.6	

Fire Rating:

Material	Fire Rating
LSZH	IEC 60332-1
FRLSZH	UL 444 CM
PVC	IEC 60332-1
FRPVC	UL 444 CM
Outdoor PE	NA

RoHS Compliant

TOLERANCES ARE



煜倫股份有限公司

www.morethanall.com

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

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 .X ± 0.38
 .XX ± 0.25
 .XXX ± 0.10
 ANG ± 3°

照片框

ORDER INFORMATION

M12RJ-08X0826C6A-MxxM-LF

SERIES

LEADFREE

2M:2000mm
 3M:3000mm
 5M:5000mm
 10M:10000mm

08 X CODE TO 08 WAY

26 AWG

CAT.6A

MALE TO MALE

DESCRIPTION: 26AWG CAT6A S-FTP CABLE LSZH 貝吉色