

Specification 規格書

Name 品名：		Flat Cable (扁平電話線)		
Spec 規格：		AWM2025 126x4C		
No.項次	Item(項目)	Value(規格值)		Tolerance
Conductor Structure 導體結構				
1.	Material (材質)	Bare Copper		-----
2.	Cond. Structure (導體結構)	0.16mm / 7		± 0.01mm
3.	Cross Section (導體截面積)	(0.141 mm²)		± 0.01mm
4.	AWG(美規公稱)	26AWG		-----
Insulation Structure 絕緣層結構				
5.	Material (材質)	PP		-----
6.	Thickness (厚度)	-----		-----
7.	Diameter (完成外徑)	0.95		± 0.05mm
8.	Color (芯線顏色)	Black、Red、Green、Yellow		-----
Outside Jacket 外被披覆				
9.	Material (材質)	PVC		-----
10.	Thickness (厚度)	-----		-----
11.	Diameter (完成外徑)	2.4 x 4.9 mm		± 0.1mm
12.	Color (外被顏色)	Black or White		-----
13.	Rated Temperature (額定溫度)	60 °C		-----
Electronis Characters 電器特性				
14.	Tensile Strength(抗拉強度)	Insulation(絕緣)	1.0KG/mm2	Min
		Jacket(外被)	1.3KG/mm2	Min
15.	Elongation Strength(伸長強度)	Insulation(絕緣)	200%	Min
		Jacket(外被)	100%	Min
16.	C-Resistance(導體電阻)	45.2Ω/KFT(20C) Min		Ω/KFT
17.	I-Resistance(絕緣電阻)	45.3Ω/KFT(20C) Min		Ω/KFT
18.	AC Volatge(耐壓試驗)	1500V/Min (20C)		V
Print	AWM STYLE 20251 STANDARD MARK			

Structural Configuration (結構圖):



RoHS Compliant

TOLERANCES ARE

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

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

X. ±
.X ±
.XX ±
.XXX ±
ANG ±

照片框

ORDER INFORMATION

UL20251-26R305Mxx-04-LF

SERIES

LEADFREE

04 WAY

BK:BLACK
WH:WHITE

1 ROLL 305M

26 AWG

DESCRIPTION:

MAP AWM 20251 TELEPHONE CABLE

Describes

AWM 20251 Cable Brought to you by MAP® a range of telephone cables, suitable for various applications which require a reliable and excellent quality telephone line. Efficient telephone wiring is a huge part of ensuring successful communication within any organisation, which is something an MAP telephone cable can provide. All models are highly reliable and excellent quality.

Application

Telephone lines work in similar ways to what electronic wires or cables do. A circuit is made and providing the circuit is connected at either end, it will provide an outlet for communication or network at both ends. In the event that the cable is used for a telephone, speech is made through the phone handset which runs down the carefully constructed cable and the signal will arrive at the destination handset.

Construction

Rating	60 deg C , 150 Vac , cable flame VW-1
Conductor	Bare copper or Tinned Copper according to VDE 0295 / IEC 60228 class 5
Insulation	Polyethylene (PE) or Polypropylene (PP)
Sheath	Polyvinyl Chloride (PVC)
Colour	Acc to international rules as following table

Application advantage

- Perfect for LAN (local area network) connections
- Fixed and install easily
- Clear and precise communication
- PVC outer sheath

Suggestion & Warning

Suggestion A.	Primarily within communication applications.
Suggestion B.	Suitable for Signal control systems
Suggestion C.	DSL phone cable services


Warning  These cables are not to be regarded as power cables or cables for the direct connection of equipment to mains power supplies.

Table 1. Color jacket

Core Identification	1C	2C
Insulation Color	RED	GREEN

Core Identification	1C	2C	3C	4C
Insulation Color	BLACK	RED	GREEN	YELLOW

Core Identification	1C	2C	3C	4C	5C	6C
Insulation Color	WHITE	BLACK	RED	GREEN	YELLOW	BLUE

Core Identification	1C	2C	3C	4C	5C	6C	7C	8C
Insulation Color	GRAY	ORANGE	BLACK	RED	GREEN	YELLOW	BLUE	BROWN

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DRAWING BY CY

X. ± 0.30

CHECKED BY GENIUS

.X ± 0.30

UNIT / mm

SCALE 1 : 1

.XX ± 0.20

.XXX ± 0.10

ANG ± 1°

DATE

SIZE A4

PROJECTION 

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