

盤用綫槽系列
WIRING DUCT SERIES

PART-4

   RoHS



KAKU

PART-4

盤用線槽系列
WIRING DUCT SERIES

產品說明 Products introduction

產品材質 Material

環保硬質PVC，絕緣性良好，不助燃。環保無污染通過ROHS環保認證，不含鉛等有害物質。

Made of lead free PVC, with good insulates ability and non combustion-supporting. UL approved, free of harmful substance.

防火等級 Flammability rating

通過UL 94V-0，阻燃材料，良好自熄性，絕緣特性佳。

UL 94V-0, inflaming retarding material with good self extinguishing ability.

產品構造 Construction

由槽底及槽蓋組成。

Consist of base and cover.

顏色種類 Color

灰色（白色、藍色可特殊定製）。

Grey (white and blue can be customized).

工作溫度 Temperature

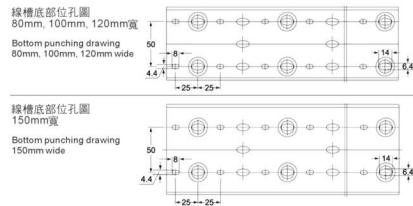
-20°C~85°C

產品特性 Products Features

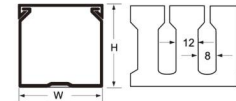
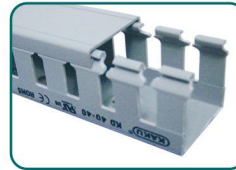
- 1 超過80種型號尺寸，並配有完整的線槽蓋。
80 kinds of models with complement of covers.
- 2 反扣式線槽蓋與線槽設計組合后絕不脫落，結合面光滑，方便迅速安裝；並可有效防止因震動而產生的滑移。
Non-slip cover stays in place during shipment, vibration. It's easy to install with a smooth surface.
- 3 底蓋兩側出孔相互對齊，任意處鋸斷或截成L型，均可保持整面美觀整齊。
With aligned slot, cut with any surface can make sure a good looking of the panel.
- 4 線槽齒縱切面光滑，無毛刺，不割傷手及擦損附近配線。
Smooth corners and edges will not damage or disfigure wires.
- 5 出線孔低，組合容易，拆卸簡單，易于配線。
Straight deep slots design, easy to install and disassembly.
- 6 多樣化的DIN標準安裝孔設計使得同樣的線槽有多種用途。
Versatile DIN standard mounting holes allow same duct for multiple application.
- 7 配線槽85°C溫度內不易斷裂、變形、變色，裝配省時便利。
No breakage, distortion and color change within the temperature of 85°C, leading easy installation.
- 8 提供各種方便快捷的切斷工具和配件。
Available in cutter and accessories.
- 9 多種顏色可選擇。
Available in different color.
- 10 UL, ROHS, CE 認證。
UL, ROHS, CE approved.



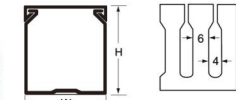
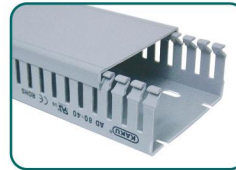
型號 KD SERIES	Model AD SERIES	寬度 Width (W) (mm)	高度 Height (H) (mm)	底高 (h) Height of bottom (mm)	包裝(米/包) Package (M)	
					KD SERIES	AD SERIES
	AD2530	25	30	8		80
KD2540	AD2540	25	40	12	64	64
	AD2550	25	50	13		60
	AD2560	25	60	14	48	48
KD2580	AD2580	25	80	16	36	36
	AD3030	30	30	8		72
	AD3550	35	50	13		48
	AD3580	35	80	16		40
KD4040	AD4040	40	40	12	48	48
KD4060	AD4060	40	60	14	36	36
KD4080	AD4080	40	80	16	40	40
KD40100		40	100	18	32	
	AD5050	50	50	13		48
	AD5060	50	60	14		48
	AD5065	50	65	15		48
	AD5080	50	80	16		32
KD6040	AD6040	60	40	12	32	32
KD6060	AD6060	60	60	14	36	36
KD6080	AD6080	60	80	16	32	32
KD60100		60	100	18	24	24
KD8040	AD8040	80	40	12	32	32
	AD8050	80	50	13		36
KD8060	AD8060	80	60	14	24	24
KD8080	AD8080	80	80	16	24	24
KD80100		80	100	18	16	
KD10040	AD10040	100	40	12	32	32
KD10060	AD10060	100	60	14	24	24
KD10080	AD10080	100	80	16	16	16
KD100100		100	100	18	16	
KD12080		120	80	16	16	
KD120100		120	100	18	16	
KD150100		150	100	18	8	



KD SERIES



AD SERIES



* 標準長度為2米。可提供定長服務；標準顏色為灰色，另有藍色、白色可特殊定做。
Standard length is 2 metres in grey, Blue and white can be customized.

UD & OD SERIES

UD & OD SERIES

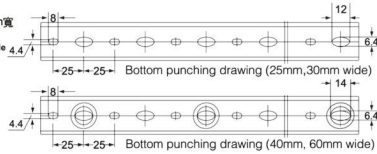
80

*表中“底高”數值僅適用於UD SERIES

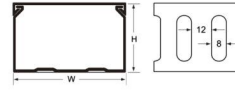
型號 Model		寬度 Width (W) (mm)	高度 Height (H) (mm)	*底高 (h) (mm) Height of bottom (UD SERIES ONLY)	包裝/盒 Package (M)	
UD SERIES	OD SERIES				UD SERIES	OD SERIES
	OD2530	25	30	8		80
UD2540	OD2540	25	40	12	64	64
UD2560	OD2560	25	60	14	48	48
UD2580	OD2580	25	80	16	36	36
	OD3030	30	30	8		72
UD4040	OD4040	40	40	12	48	48
UD4060	OD4060	40	60	14	36	36
UD4080	OD4080	40	80	16	40	40
UD40100	OD40100	40	100	18	32	32
UD6040	OD6040	60	40	12	32	32
UD6060	OD6060	60	60	14	36	36
UD6080	OD6080	60	80	16	32	32
UD60100	OD60100	60	100	18	24	24
UD8040	OD8040	80	40	12	32	32
UD8060	OD8060	80	60	14	24	24
UD8080	OD8080	80	80	16	24	24
UD80100	OD80100	80	100	18	16	16
UD10040	OD10040	100	40	12	32	32
UD10060	OD10060	100	60	14	24	24
UD10080	OD10080	100	80	16	16	16
UD100100	OD100100	100	100	18	16	16
	OD12080	120	80	16		16
	OD120100	120	100	18		16
UD150100	OD150100	150	100	18	8	8

* 標準長度為2米，可提供定長服務；標準顏色為灰色，另有藍色、白色可特殊定做。
Standard length is 2 metres in grey, Blue and white can be customized.

線槽底部位孔圖
25mm, 30mm, 40mm, 60mm寬
Bottom punching drawing
25mm, 30mm, 40mm, 60mm wide



UD SERIES



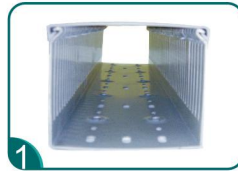
OD SERIES



UL US CE RoHS

OUR UNIQUE DESIGN

線槽特殊設計 Unique design



1 線槽蓋與線槽的幾何角度結合面，結合牢固，不易脫落；防滑蓋面可防止因震動造成的滑移。線槽蓋與線槽的結合面整齊光滑，方便裝卸。

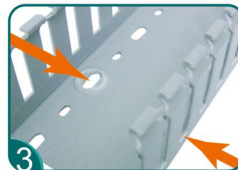
The duct and cover form a flush side wall providing a firm link, improved aesthetics. Non-slip cover stays in place during shipment, vibration; with a trimness and clean junction surface of the cover and duct, easy to install and disassembly.

2 線槽蓋獨特標記線設計，可使元器件相關的標貼方便快捷，準確美觀。

Special mark line design on the cover can allow a quick tag of relevant components.

3 線槽底有多種規格的預置安裝孔，方便使用；並有特殊設計的加強結構，可增強線槽與櫃體的結合強度；降低變形隱患因素。出線孔低，可使大電線完全進入線槽底部；組合容易，拆卸簡單，易于配線。

The mounting holes of multi sizes on the base make it easy to install. Special reinforced mounting holes leading a firm installation and prevent distortion. Straight deep slots allow large wire sizes all the way to the bottom; it is easy to assemble and disassemble with a good wire management.



線槽容量計算公式 Formula

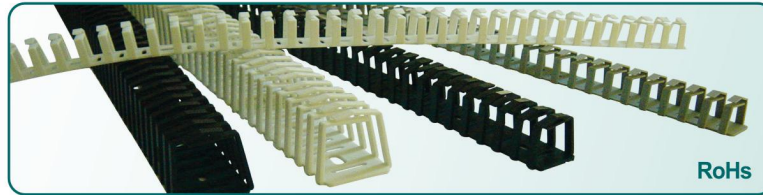
$$\text{線槽容量 / 電線數量} = \frac{\text{線槽寬} \times \text{線槽高}}{1.75 \times (\text{電線外徑})^2} \times \frac{1}{2}$$

(Wiring duct fill capacity / Number of wires) = $\frac{\text{Duct W} \times \text{Duct H}}{1.75 \times (\text{O.D.})^2} \times \frac{1}{2}$

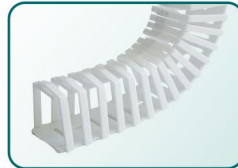
常用線槽容量表 Wiring duct fill capacity form

寬 Width (W) (mm)	25	25	25	25	30	40	40	40
高 Height (H) (mm)	30	40	60	80	30	40	60	80
電線容量 Wiring capacity (pcs)	15-25	20-25	40-45	100-120	15-25	60-70	100-115	120-135
寬 Width (W) (mm)	40	60	60	60	60	80	80	80
高 Height (H) (mm)	100	40	60	80	100	40	60	80
電線容量 Wiring capacity (pcs)	130-175	100-115	120-135	180-210	240-290	120-135	180-210	240-290
寬 Width (W) (mm)	80	100	100	100	100	120	120	150
高 Height (H) (mm)	100	40	60	80	100	80	100	100
電線容量 Wiring capacity (pcs)	260-350	130-175	240-290	260-350	300-400	300-400	330-500	450-600

FLEXIBLE DUCT SERIES



RoHs

**產品特點 Characteristic**

特殊設計的摺開式線槽具有靈活多變、回彈性好；可為你櫃體內電線之捆扎提供有效的解決方案。使控制櫃及電子設備的過門線控制變得簡單、易行；可有效避免過門線倚靠在門上，降低安全隱患，易于拆卸及維修。

Flexible Duct is a unique product offering from KAKU that is a flexible, reliable and efficient solution to your bundling needs. Provide a good control of wiring to cabinet doors, for control panels and for electronic equipment. For that part of the cable easy to leans against the side of the control cabinet. It is also easy to disassemble and maintenance.

產品材質 Material

選用無毒、阻燃的尼龍（PA）66，環保無污染。
Nylon(PA)66, self-extinguishing, non-toxic, free of harmful substance.

產品認證 Certification

RoHs

顏色種類 Color

備有灰色、白色及黑色供客戶選擇，特殊顏色可定做。
White, grey & black. Special color can be customized.

標準長度 Standard Length

500mm

工作溫度 Operation Temperature

-20℃ - 120℃



- 由于摺開式線槽材質本身的靈活性，可輕易從線槽內部取出或加入配線。
Due to the flexibility of the material individual wires can be added or removed from total wires within the duct.
- 此摺開式線槽無需線槽蓋，可允許在有額的空間裡方便布線，無需使用布線扎帶。
Since flexible duct has no cover, it can accommodate cables in restricted space applications and also effectively removes the need for cable ties.
- 此線槽在120°C溫度內不易斷裂、變形、變色。
No breakage, distortion and color change within the temperature of 120°C.
- 此線槽可用剪刀或者其他刀具切割至理想長度。
The duct can be cut to desired length using scissors or knife.

型號 Model	線槽尺寸(寬·高)mm Duct Size (W · H)mm	裝箱數量 Qty. Per Carton
FD-20 (W/B/G)	20 × 20	500mm × 100pcs
FD-30 (W/B/G)	30 × 30	500mm × 100pcs
FD-40 (W/B/G)	40 × 40	500mm × 100pcs

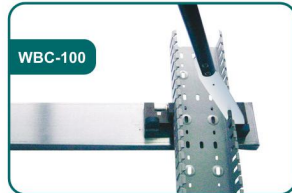
*W-白色, B-黑色, G-灰色

WIRING DUCT CUTTER



橫剪 (WBC-10) 適用於50mm以下線槽之裁切, 豎剪 (WDACS-A/B) 適用於線槽齒之剪切。
Duct with a width of 50mm can be cut with WBC-10 cutting tool; hand held duct finger cutting tool (WDACS-A/B) is available to cut the finger.

*WDACS-A適用於齒寬為12mm之線槽, WDACS-B適用於齒寬為6mm之線槽。
*WDCS-A cut finger size with the width in 12mm, WDCS-B cut finger size with the width in 6mm.



WBC-100適用於寬度在50mm - 100mm之間線槽之裁切。
Cut duct size with the width between 65mm to 100mm.

材質採用高強度日本進口不鏽鋼刀片, 可長久使用不易損壞。
High strength stainless steel imported from Japan, with long life expectancy and no easy to damage.

可快速裁切線槽, 提高工作效率, 切口光滑無毛刺, 刀口處設有安全鎖扣, 提高使用和儲存的安全係數。
Cut the duct with a easy way, raise the efficiency, cut surface is clean and no burr. The safe lock design of the blade can enhance the safety when using and by storage.



配合線槽使用, 便于元器件編號的標示, 安裝方便快捷, 由黑色PP與透明PMMA組合而成, 清晰度高, 耐溫性佳。

Good management of the components labelling. Consist of black PP and transparent PMMA with a good definition and perfect temperature resistance.

