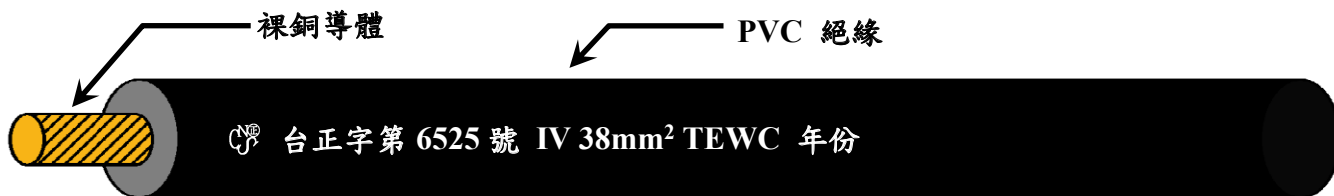


## 構造 Construction :



## 額定 Rating :

600V PVC 絕緣電線

600V PVC insulated wire

## 絕緣顏色 Color of insulation :

黑、白、紅、綠、黃、藍...等

Black、White、Red、Green、Yellow、Blue...etc

## 規格 Standard :

CNS 679

## 用途 Application :

適用於一般室內布線、電器布線、控制電路...等

It is Suitable for general indoor wiring, electrical appliance wiring, control circuit...etc

| 導體 Conductor                         |                                                          |                                             | 絕緣厚度<br>Thickness of insulation |                | 標準完成<br>外徑<br>Overall<br>Diameter<br>(約)<br>(approx.) | 最小絕<br>緣電阻<br>Insulation<br>Resistance<br>Min.<br>(20°C) | 最大導<br>體電阻<br>Conductor<br>Resistance<br>Max.<br>(20°C) | 交流<br>電壓<br>Test<br>Voltage |
|--------------------------------------|----------------------------------------------------------|---------------------------------------------|---------------------------------|----------------|-------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|-----------------------------|
| 標稱<br>線徑<br>Nominal wire<br>diameter | 構成 Construction<br>單線數/單線徑<br>Number/Diameter<br>of wire | 外徑<br>Outer<br>Diameter<br>(約)<br>(approx.) | 最小值<br>Min.                     | 平均值<br>Average |                                                       |                                                          |                                                         |                             |
| mm                                   | No./mm                                                   | mm                                          | MΩ/km                           | mm             | mm                                                    | MΩ/km                                                    | Ω/km                                                    | kV/min                      |
| 1.0                                  | 1/1.0                                                    | 1.0                                         | 0.64↑                           | 0.72↑          | 2.60                                                  | 50                                                       | 22.8                                                    | 1.5/1                       |
| 1.2                                  | 1/1.2                                                    | 1.2                                         | 0.64↑                           | 0.72↑          | 2.80                                                  | 50                                                       | 15.8                                                    | 1.5/1                       |
| 1.6                                  | 1/1.6                                                    | 1.6                                         | 0.64↑                           | 0.72↑          | 3.20                                                  | 50                                                       | 8.92                                                    | 1.5/1                       |
| 2.0                                  | 1/2.0                                                    | 2.0                                         | 0.64↑                           | 0.72↑          | 3.60                                                  | 50                                                       | 5.65                                                    | 1.5/1                       |
| 2.6                                  | 1/2.6                                                    | 2.6                                         | 0.80↑                           | 0.90↑          | 4.60                                                  | 50                                                       | 3.35                                                    | 1.5/1                       |
| 3.2                                  | 1/3.2                                                    | 3.2                                         | 0.96↑                           | 1.08↑          | 5.60                                                  | 50                                                       | 2.21                                                    | 1.5/1                       |



| 導體 Conductor                               |                                                          |                                                 | 絕緣厚度<br>Thickness of insulation |                    | 標準完成<br>外徑<br><br>Overall<br>Diameter<br>(約)<br>(approx.) | 最小絕<br>緣電阻<br>Insulation<br>Resistance<br>Min.<br>(20°C) | 最大導<br>體電阻<br>Conductor<br>Resistance<br>Max.<br>(20°C) | 交流<br>電壓<br><br>Test<br>Voltage |
|--------------------------------------------|----------------------------------------------------------|-------------------------------------------------|---------------------------------|--------------------|-----------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------|---------------------------------|
| 標稱<br>截面積<br><br>Nominal<br>sectional area | 構成 Construction<br>單線數/單線徑<br>Number/Diameter<br>of wire | 外徑<br>Outer<br>Diameter<br><br>(約)<br>(approx.) | 最小值<br><br>Min.                 | 平均值<br><br>Average |                                                           |                                                          |                                                         |                                 |
| mm <sup>2</sup>                            | No./mm                                                   | mm                                              | MΩ/km                           | mm                 | mm                                                        | MΩ/km                                                    | Ω/km                                                    | kV/min                          |
| 1.25                                       | 7/0.45                                                   | 1.35                                            | 0.64↑                           | 0.72↑              | 2.95                                                      | 50                                                       | 16.5                                                    | 1.5/1                           |
| 2                                          | 7/0.6                                                    | 1.80                                            | 0.64↑                           | 0.72↑              | 3.40                                                      | 50                                                       | 9.24                                                    | 1.5/1                           |
| 3.5                                        | 7/0.8                                                    | 2.40                                            | 0.64↑                           | 0.72↑              | 4.00                                                      | 50                                                       | 5.20                                                    | 1.5/1                           |
| 5.5                                        | 7/1.0                                                    | 3.00                                            | 0.80↑                           | 0.90↑              | 5.00                                                      | 50                                                       | 3.33                                                    | 1.5/1                           |
| 8                                          | 7/--                                                     | 3.28                                            | 0.96↑                           | 1.08↑              | 5.68                                                      | 50                                                       | 2.29                                                    | 1.5/1                           |
| 14                                         | 7/--                                                     | 4.37                                            | 1.12↑                           | 1.26↑              | 7.17                                                      | 40                                                       | 1.31                                                    | 2.0/1                           |
| 22                                         | 7/--                                                     | 5.46                                            | 1.28↑                           | 1.44↑              | 8.66                                                      | 40                                                       | 0.832                                                   | 2.0/1                           |
| 30                                         | 7/--                                                     | 6.28                                            | 1.28↑                           | 1.44↑              | 9.48                                                      | 40                                                       | 0.610                                                   | 2.0/1                           |
| 38                                         | 7/--                                                     | 7.10                                            | 1.44↑                           | 1.62↑              | 10.70                                                     | 40                                                       | 0.481                                                   | 2.5/1                           |
| 50                                         | 19/--                                                    | 8.19                                            | 1.44↑                           | 1.62↑              | 11.79                                                     | 30                                                       | 0.366                                                   | 2.5/1                           |
| 60                                         | 19/--                                                    | 9.10                                            | 1.44↑                           | 1.62↑              | 12.70                                                     | 30                                                       | 0.305                                                   | 2.5/1                           |
| 80                                         | 19/--                                                    | 10.5                                            | 1.60↑                           | 1.80↑              | 14.50                                                     | 30                                                       | 0.229                                                   | 2.5/1                           |
| 100                                        | 19/--                                                    | 11.8                                            | 1.60↑                           | 1.80↑              | 15.80                                                     | 30                                                       | 0.183                                                   | 2.5/1                           |
| 125                                        | 19/--                                                    | 13.2                                            | 1.76↑                           | 1.98↑              | 17.60                                                     | 20                                                       | 0.146                                                   | 3.0/1                           |
| 150                                        | 37/--                                                    | 14.7                                            | 1.76↑                           | 1.98↑              | 19.10                                                     | 20                                                       | 0.122                                                   | 3.0/1                           |
| 200                                        | 37/--                                                    | 16.6                                            | 1.92↑                           | 2.16↑              | 21.40                                                     | 20                                                       | 0.0915                                                  | 3.0/1                           |
| 250                                        | 61/--                                                    | 18.8                                            | 1.92↑                           | 2.16↑              | 23.60                                                     | 20                                                       | 0.0739                                                  | 3.0/1                           |
| 325                                        | 61/--                                                    | 21.3                                            | 2.08↑                           | 2.34↑              | 26.50                                                     | 20                                                       | 0.0568                                                  | 3.5/1                           |
| 400                                        | 61/--                                                    | 23.8                                            | 2.08↑                           | 2.34↑              | 29.00                                                     | 20                                                       | 0.0462                                                  | 3.5/1                           |
| 500                                        | 61/--                                                    | 26.6                                            | 2.24↑                           | 2.52↑              | 32.20                                                     | 20                                                       | 0.0369                                                  | 3.5/1                           |

※ 8 mm<sup>2</sup>(含)以上係使用壓縮導體，導體已完成外徑為主