



## MULTI-CORE SHIELDED CONTROL CABLE 80°C 300V 銅線編織遮蔽多心控制電纜

### Conductor: 導體

- Fully annealed stranded copper wire.  
全部為軟銅絞線

### Insulation: 絕緣體

- Premium grade color coded PVC  
特製彩色 PVC

### Shield: 遮蔽層

- 85% tinned copper braid  
遮蔽率 85% 鍍錫銅網編織

### Jacket: 被覆

- PVC, chrome gray or black.  
鉛灰色或黑色 PVC
- Temperature Rating 耐溫等級: 80°C
- Voltage Rating 電壓等級: 300Volts

### Applications: 應用

- Computers 電腦系統迴路
- Industrial equipment  
工業用設備線路
- Data transmission  
數據傳輸系統線路
- Control circuits 控制線路

### Packaging: 包裝

- 100 M per coil  
100 米卷裝
- Other put-ups available  
可用其他方式包捲

| Cross Sectional Area<br>(No./mm)  | No. of Cores<br>芯線數目               | Insulation Thickness<br>絕緣厚度<br>mm | Jacket Thickness<br>被覆厚度<br>mm | Nominal O.D.<br>完成外徑<br>mm | Nominal Cap.<br>靜電電容 |      |     |
|-----------------------------------|------------------------------------|------------------------------------|--------------------------------|----------------------------|----------------------|------|-----|
|                                   |                                    |                                    |                                |                            | A                    | B    |     |
|                                   |                                    |                                    |                                |                            | pF/m                 | pF/m |     |
| 0.5mm <sup>2</sup><br>(20/0.18mm) | 1                                  | 0.43                               | 0.80                           | 4.0                        | 100                  | 240  |     |
|                                   | 2                                  | "                                  | "                              | 5.7                        | "                    | "    |     |
|                                   | 3                                  | "                                  | "                              | 6.1                        | "                    | "    |     |
|                                   | 4                                  | "                                  | "                              | 6.6                        | "                    | "    |     |
|                                   | 5                                  | "                                  | 1.00                           | 7.2                        | "                    | "    |     |
|                                   | 6                                  | 0.48                               | 1.00                           | 7.9                        | 100                  | 240  |     |
|                                   | 7                                  | "                                  | 1.10                           | 7.9                        | "                    | "    |     |
|                                   | 8                                  | "                                  | 1.20                           | 8.5                        | "                    | "    |     |
|                                   | 10                                 | "                                  | "                              | 9.8                        | "                    | "    |     |
|                                   | 12                                 | "                                  | "                              | 10.5                       | "                    | "    |     |
|                                   | 0.75mm <sup>2</sup><br>(30/0.18mm) | 1                                  | 0.48                           | 0.80                       | 4.3                  | 110  | 270 |
|                                   |                                    | 2                                  | "                              | "                          | 6.4                  | "    | "   |
| 3                                 |                                    | "                                  | 0.90                           | 7.0                        | "                    | "    |     |
| 4                                 |                                    | "                                  | "                              | 7.5                        | "                    | "    |     |
| 5                                 |                                    | "                                  | 1.00                           | 8.3                        | "                    | "    |     |
| 6                                 |                                    | 0.48                               | 1.10                           | 9.2                        | 110                  | 270  |     |
| 7                                 |                                    | "                                  | "                              | 9.2                        | "                    | "    |     |
| 8                                 |                                    | "                                  | 1.20                           | 10.0                       | "                    | "    |     |
| 10                                |                                    | "                                  | "                              | 11.5                       | "                    | "    |     |
| 12                                |                                    | "                                  | "                              | 11.8                       | "                    | "    |     |

A : Capacitance between conductors  
導體間之靜電容量

B : Capacitance between conductors and other conductors connected to shield.  
導體間與遮蔽層間之靜電容量