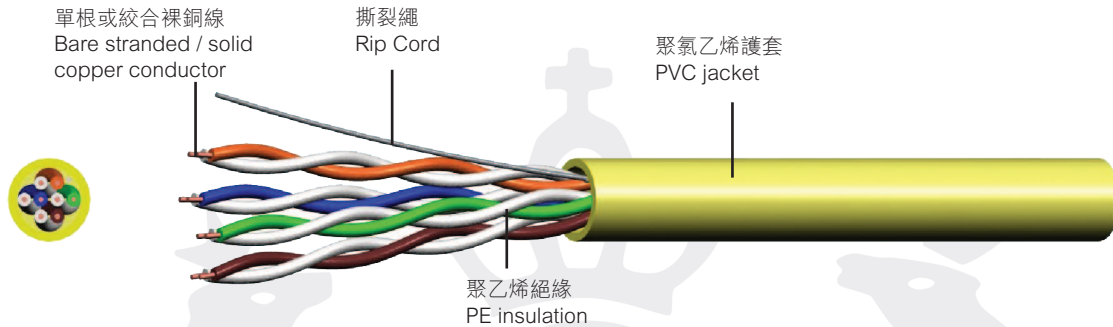


# 超五類局部區域網絡電纜

## CATEGORY 5E LAN CABLES



R.H. CMR UTP 4PR 24AWG ENHANCED CATEGORY 5 PATCH CABLE  
or  
R.H. TYPE CMR UTP 4PR 24AWG CATEGORY 5e CABLE

### 說明

- 工作溫度: 60°C, 75°C
- 標準: TIA/EIA 568A
- 型號: Cat 5e
- 導體使用單根或絞合裸銅線
- 聚乙烯絕緣
- 可選擇撕裂繩
- 聚氯乙烯或低煙無鹵料護套
- 耐燃程度: CMX, CM, MP, CMG, MPG, CMR, MPR

### DESCRIPTION

- Rated temperature: 60°C, 75°C
- Reference standard: TIA/EIA 568A
- Model: Cat 5e
- Bare stranded or solid copper conductor
- Color-coded PE insulation
- Rip cord (optional)
- PVC or LSOH jacket
- Flammability grade: CMX, CM, MP, CMG, MPG, CMR, MPR

### 應用

- 100 Base-T4
- 100 Base-TX
- 100VG — AnyLAN
- 1000 Base-T (Gigabit Ethernet)
- 155 Mbps ATM
- 622 Mbps ATM
- Broad Band Video
- Fast Ethernet

### APPLICATION

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## 超五類局部區域網絡電纜 CATEGORY 5E LAN CABLES

類型 Construction	導體結構 No. & diameter of wire (N/mm)	絕緣外徑 Core Dimension (mm)	對數 No. of Pairs	平均外徑 Average overall diameter (mm)
UTP	1/0.51	0.91	4	5.1
Patch UTP #24	7/0.2	0.98	4	5.5

### 電氣特性 Electrical Properties

頻率 Frequency (MHz)	特性阻抗 Return Loss (dB)	衰減 Attenuation (dB/100m)		近端串音 NEXT Worst Pair (dB)	近端串音功率 和 NEXT Power Sum (dB)	等效遠端串音 ELFEXT Worst Pair (dB)	等效遠端串音功率 和 ELFEXT Power Sum (dB)
		UTP	Patch UTP				
0.772	19.4	1.8	2.2	67.0	64.0	66.0	63.0
1	20.0	2.0	2.4	65.3	62.3	63.8	60.8
4	23.0	4.1	4.9	56.3	53.3	51.7	48.7
8	24.5	5.8	6.9	51.8	48.8	45.7	42.7
10	25.0	6.5	7.8	50.3	47.3	43.8	40.8
16	25.0	8.2	9.9	47.3	44.3	39.7	36.7
20	25.0	9.3	11.1	45.8	42.8	37.7	34.7
25	24.3	10.4	12.5	44.3	41.3	35.8	32.8
31.25	23.6	11.7	14.1	42.9	39.9	33.9	30.9
62.5	21.5	17.0	20.4	38.4	35.4	27.8	24.8
100	20.1	22.0	26.4	35.3	32.3	23.8	20.8

備註 Note:

特性阻抗 Impedance : 100 ohm +/- 15%  
 傳送速度 Nominal Propagation Velocity : 0.65C