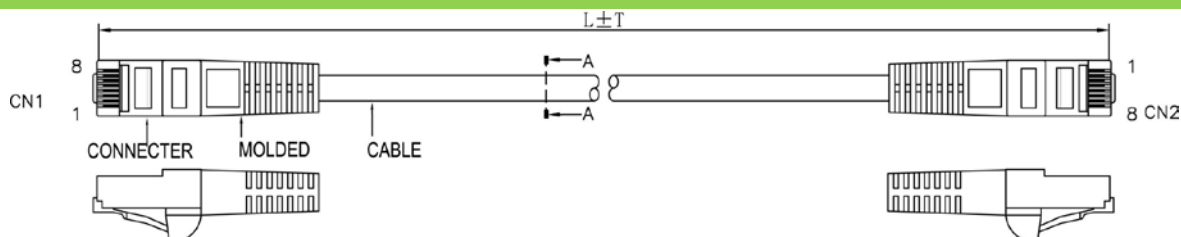


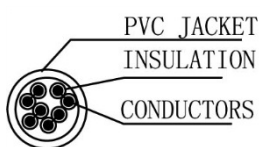
**SCP Part Number: C5PC-100-WT**

REV.A

**Construction**



**CAT5e Cross section**



**PIN & OUT**

**568B**

| CN1 | PIN | OUT | CN2 | COLOR        |
|-----|-----|-----|-----|--------------|
| 1   | 1   | 1   | 1   | WHITE/ORANGE |
| 2   | 2   | 2   | 2   | ORANGE       |
| 3   | 3   | 3   | 3   | WHITE/GREEN  |
| 6   | 6   | 6   | 6   | GREEN        |
| 4   | 4   | 4   | 4   | BLUE         |
| 5   | 5   | 5   | 5   | WHITE/BLUE   |
| 7   | 7   | 7   | 7   | WHITE/BROWN  |
| 8   | 8   | 8   | 8   | BROWN        |

PAIR

**Construction**

**UTP CAT.5e**

**Center Conductor:** 24AWG stranded bare copper

Construction 7×32AWG

Dia.(in/mm) 0.024/0.60

**Insulate** HDPE

Nom. Thickness(in/mm) 0.006/0.17

Insulation Dia.(in/mm) 0.038/0.98

Color Cord Pair 1: Blue-White/Blue

Pair 2: Orange-White/Orange

Pair 3: Green-White/Green

Pair 4: Brown-White/Brown

Pairs 4

Cabling 4Pairs with skeleton

**Jacket** PVC

Nom. Thickness(in/mm) 0.024/0.60

Min. Thickness(in/mm) 0.019/0.48

Cable Dia.(in/mm) 0.209/5.30

Color Black & Blue & Green & Gray

Red & White & Yellow & Orange & Ivory

**Printing:** STRUCTURED CABLE PRODUCTS CAT.5E PATCH CABLE

UTP 4PR 24AWG TYPE CM (UL) C(UL) EXXXXXX

**CONNECTER**

**Connector** RJ45(8P8C) MALE CAT5e

Insulation Clear Polyester, UL94V-2

Contacts Brass, Gold Plated 3u

**CAT6 PATCH CABLE**

Molded material PVC

Pin&Out EIA/TIA 568B (view the Pin&Out)

Length view packing data

**Packing** 1pcs/bag

view packing data

**Performance**

**Electrical Characteristics:[@68°F.(20°C.)]**

Cat.5e CHANNEL TEST (MHz/dB/dB/dB)

| Freq. | NEXT | ATTN | RL | Freq. | NEXT | ATTN | RL   |
|-------|------|------|----|-------|------|------|------|
| 1     | 60   | 3    | 17 | 20    | 42   | 10.2 | 17   |
| 4     | 53.6 | 4.5  | 17 | 25    | 40.4 | 11.4 | 16   |
| 8     | 48.6 | 6.3  | 17 | 31.3  | 38.7 | 12.9 | 15.1 |
| 10    | 47   | 7.1  | 17 | 62.5  | 33.6 | 18.6 | 12.1 |
| 16    | 43.6 | 9.1  | 17 | 100   | 30.1 | 24   | 10   |

Conductor DCR (Ω/100m) ≤9.6

Unbalance of Pair DCR (%) ≤5

Dielectric strength between Pairs(kV/min) ≤1

Insulation resistance (MΩ·km) ≥5000

Capacitance (nF/100m) ≤5.6

Dielectric strength between Pairs(kV/min) ≤330

Characteristic impedance (Ω) 100±15

Short or Open of the loop None

**Mechanical Characteristics:**

Operating Temperature Range(°C) -15~75

**Packing data**

| Length<br>(ft) | TOL.<br>(in) | pcs/carton | G.W.<br>(lbs/kgs) | Color  |
|----------------|--------------|------------|-------------------|--------|
| 1              | 1.18         | 300        | 18.74/ 8.5        | Black  |
| 3              | 1.18         | 200        | 23.15/ 10.5       | Blue   |
| 5              | 1.97         | 150        | 23.15/ 10.5       | Green  |
| 7              | 1.97         | 100        | 20.5/ 9.3         | Gray   |
| 10             | 1.97         | 70         | 19.84/ 9          | Red    |
| 15             | 1.97         | 60         | 23.59/ 10.7       | White  |
| 25             | 1.97         | 50         | 31.31/ 14.2       | Yellow |
| 50             | 1.97         | 20         | 24.91/ 11.3       | Orange |
| 100            | 1.97         | 16         | 38.14/ 17.3       | Ivory  |
| (m)            | (mm)         | pcs/carton | (lbs/kgs)         |        |
| 1              | 30           | 300        | 13.23/ 6          |        |
| 2              | 30           | 90         | 13.23/ 6          |        |
| 3              | 50           | 70         | 13.23/ 6          |        |
| 5              | 50           | 40         | 17.64/ 8          |        |
| 10             | 50           | 25         | 15.43/ 7          |        |
| 25             | 50           | 12         | 19.84/ 9          |        |

## Part number list

| Part number | Length(ft) | Color  |
|-------------|------------|--------|
| C5PC-1-BK   | 1          | Black  |
| C5PC-1-BL   | 1          | Blue   |
| C5PC-1-GN   | 1          | Green  |
| C5PC-1-GY   | 1          | Gray   |
| C5PC-1-OR   | 1          | Orange |
| C5PC-1-RD   | 1          | Red    |
| C5PC-1-WT   | 1          | White  |
| C5PC-1-YL   | 1          | Yellow |
| C5PC-3-BK   | 3          | Black  |
| C5PC-3-BL   | 3          | Blue   |
| C5PC-3-GN   | 3          | Green  |
| C5PC-3-GY   | 3          | Gray   |
| C5PC-3-OR   | 3          | Orange |
| C5PC-3-RD   | 3          | Red    |
| C5PC-3-WT   | 3          | White  |
| C5PC-3-YL   | 3          | Yellow |
| C5PC-5-BK   | 5          | Black  |
| C5PC-5-BL   | 5          | Blue   |
| C5PC-5-GN   | 5          | Green  |
| C5PC-5-GY   | 5          | Gray   |
| C5PC-5-OR   | 5          | Orange |
| C5PC-5-RD   | 5          | Red    |
| C5PC-5-WT   | 5          | White  |
| C5PC-5-YL   | 5          | Yellow |
| C5PC-7-BK   | 7          | Black  |
| C5PC-7-BL   | 7          | Blue   |
| C5PC-7-GN   | 7          | Green  |
| C5PC-7-GY   | 7          | Gray   |
| C5PC-7-OR   | 7          | Orange |
| C5PC-7-RD   | 7          | Red    |
| C5PC-7-WT   | 7          | White  |
| C5PC-7-YL   | 7          | Yellow |
| C5PC-10-BK  | 10         | Black  |
| C5PC-10-BL  | 10         | Blue   |
| C5PC-10-GN  | 10         | Green  |
| C5PC-10-GY  | 10         | Gray   |
| C5PC-10-OR  | 10         | Orange |
| C5PC-10-RD  | 10         | Red    |
| C5PC-10-WT  | 10         | White  |
| C5PC-10-YL  | 10         | Yellow |
| C5PC-15-BK  | 15         | Black  |
| C5PC-15-BL  | 15         | Blue   |
| C5PC-15-GN  | 15         | Green  |
| C5PC-15-GY  | 15         | Gray   |
| C5PC-15-OR  | 15         | Orange |
| C5PC-15-RD  | 15         | Red    |
| C5PC-15-WT  | 15         | White  |
| C5PC-15-YL  | 15         | Yellow |
| C5PC-25-BK  | 25         | Black  |
| C5PC-25-BL  | 25         | Blue   |
| C5PC-25-GN  | 25         | Green  |
| C5PC-25-GY  | 25         | Gray   |
| C5PC-25-OR  | 25         | Orange |
| C5PC-25-RD  | 25         | Red    |
| C5PC-25-WT  | 25         | White  |
| C5PC-25-YL  | 25         | Yellow |

| Part number | Length(ft) | Color  |
|-------------|------------|--------|
| C5PC-50-BK  | 50         | Black  |
| C5PC-50-BL  | 50         | Blue   |
| C5PC-50-GN  | 50         | Green  |
| C5PC-50-GY  | 50         | Gray   |
| C5PC-50-OR  | 50         | Orange |
| C5PC-50-RD  | 50         | Red    |
| C5PC-50-WT  | 50         | White  |
| C5PC-50-YL  | 50         | Yellow |
| C5PC-100-BK | 100        | Black  |
| C5PC-100-BL | 100        | Blue   |
| C5PC-100-GN | 100        | Green  |
| C5PC-100-GY | 100        | Gray   |
| C5PC-100-OR | 100        | Orange |
| C5PC-100-RD | 100        | Red    |
| C5PC-100-WT | 100        | White  |
| C5PC-100-YL | 100        | Yellow |

| Part number | Length(m) | Color |
|-------------|-----------|-------|
| C5PC-1M-BK  | 1         | Black |
| C5PC-1M-IV  | 1         | Ivory |
| C5PC-2M-BK  | 2         | Black |
| C5PC-2M-IV  | 2         | Ivory |
| C5PC-3M-BK  | 3         | Black |
| C5PC-3M-IV  | 3         | Ivory |
| C5PC-5M-BK  | 5         | Black |
| C5PC-5M-IV  | 5         | Ivory |
| C5PC-10M-BK | 10        | Black |
| C5PC-10M-IV | 10        | Ivory |
| C5PC-25M-BK | 25        | Black |
| C5PC-25M-IV | 25        | Ivory |

| Standards    |
|--------------|
| UL, CE, RoHS |