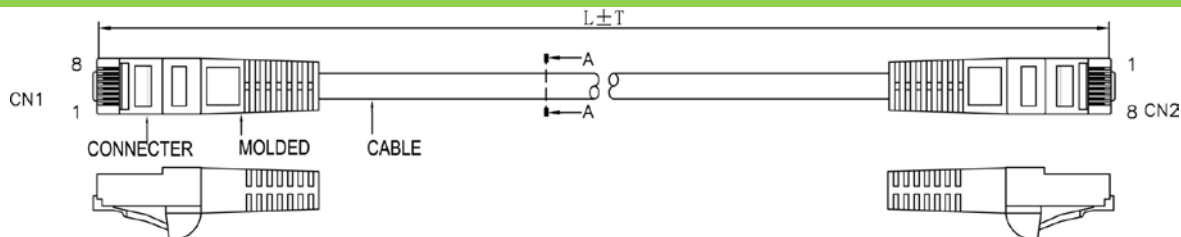


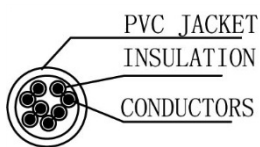
SCP Part Number: C5PC-5-BL

REV.A

Construction

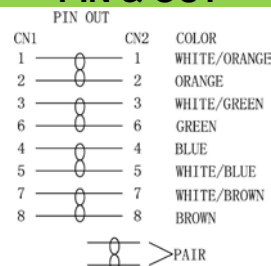


CAT5e Cross section



PIN & OUT

568B



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 (ft) | TOL. (in) | pcs/carton | G.W. (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