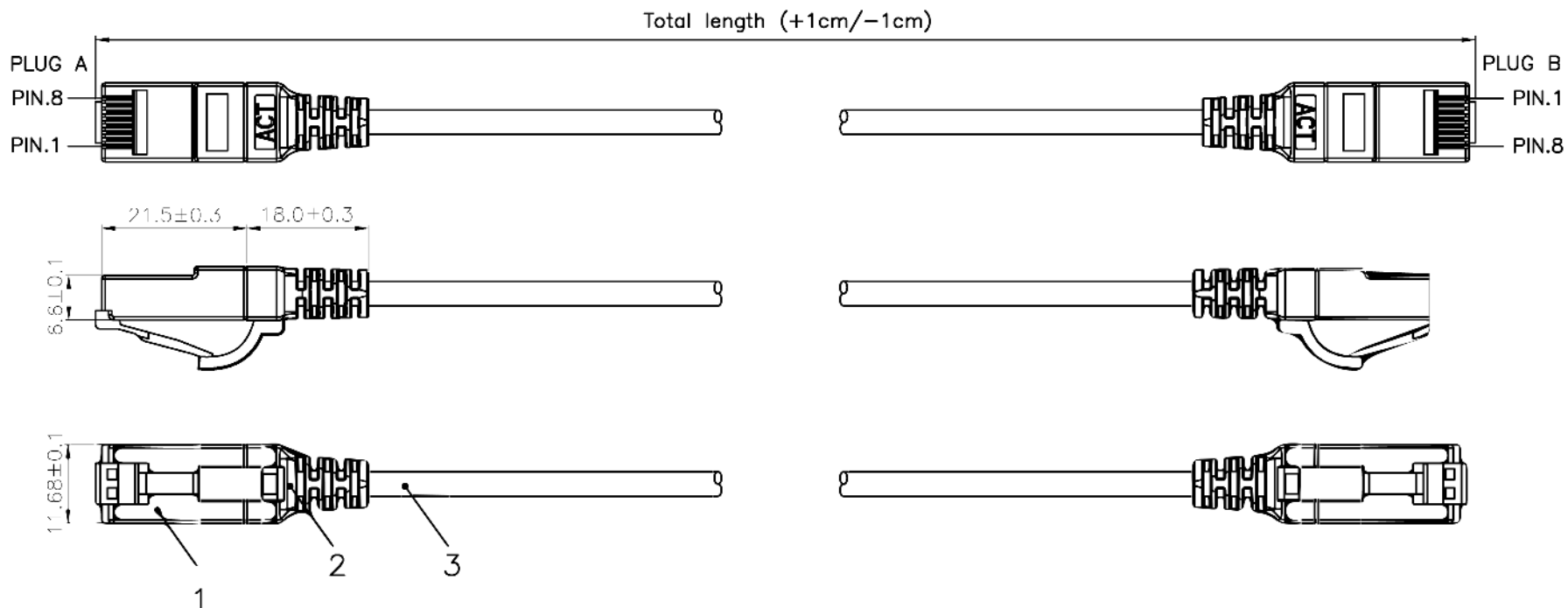


1 2 3 4 5 6

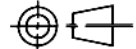


## Specification:

1. RJ45 Plug:
  - 1-1. Housing: 1 Row, Polycarbonate, UL 94V-2, transparent color.
  - 1-2. Wire Bar: 1 Row, OD 0.6mm, Polycarbonate, UL 94V-2, transparent color.
  - 1-3. Contact Pin material: Phosphor Bronze with Nickel Plated.
  - 1-4. Contact Pin finished: Minimum 50 micro-inches Gold on surface contact area.
  - 1-5. The structure complied with the IEC60603-7 requirement.
2. Strain Relief: Boot molded type, PVC material.
3. Cable:
  - 3-1. C6 U/UTP 4 twisted pair.
  - 3-2. Jacket: LSOH material, OD 3.8±0.2mm
  - 3-3. Conductor: 28AWG bare Copper.
  - 3-4. Isolation: HDPE

## Performance

- a. The performance complied with the ANSI/TIA 568C.2 C6 Patch Cord Channel requirement, the maximum length up to 10meters.

|                                                                                 |                                                                                       |             |                                             |                                                                                       |                                                 |
|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------|---------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------|
| GENERAL<br>TOLERANCE<br>OF DIMENSIONS<br>X.XXX ±0.005<br>X.XX ±0.05<br>X.X ±0.1 | DRAWING                                                                               | 10.SEP.2019 | SP                                          |  |                                                 |
|                                                                                 | CHECK                                                                                 | 10.SEP.2019 | CMD                                         |                                                                                       |                                                 |
|                                                                                 | APPROVAL                                                                              | 10.SEP.2019 | YTY                                         |                                                                                       |                                                 |
|                                                                                 |                                                                                       | DATE        | NAME                                        | ITEM NO.: DC9XXX                                                                      |                                                 |
|                                                                                 | SCALE                                                                                 | 1/1 (A4)    | UNIT                                        | mm                                                                                    | DES.: C6 UTP 28AWG Patch Cord with Molding type |
|                                                                                 |  |             | DRAWING NO. C6 UTP 28AWG Molding Patch Cord |                                                                                       |                                                 |
|                                                                                 |                                                                                       |             | DRAWING CLASSIFICATION                      | S                                                                                     | SHEET 1 OF 2                                    |
|                                                                                 |                                                                                       |             |                                             |                                                                                       | A2                                              |

1 2 3 4 5 6

A

A

B

B

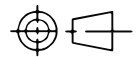
C

C

D

D

| Colour | 0.15m  | 0.25m  | 0.5m   | 1m     | 1.5m   | 2m     | 3m     | 5m     | 7m     | 10m    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Grey   | DC9030 | DC9052 | DC9000 | DC9001 | DC9051 | DC9002 | DC9003 | DC9005 | DC9007 | DC9010 |
| Red    | DC9530 | DC9552 | DC9500 | DC9501 | DC9551 | DC9502 | DC9503 | DC9505 | DC9507 | DC9510 |
| Blue   | DC9630 | DC9652 | DC9600 | DC9601 | DC9651 | DC9602 | DC9603 | DC9605 | DC9607 | DC9610 |
| Green  | DC9730 | DC9752 | DC9700 | DC9701 | DC9751 | DC9702 | DC9703 | DC9705 | DC9707 | DC9710 |
| Yellow | DC9830 | DC9852 | DC9800 | DC9801 | DC9851 | DC9802 | DC9803 | DC9805 | DC9807 | DC9810 |
| Black  | DC9930 | DC9952 | DC9900 | DC9901 | DC9951 | DC9902 | DC9903 | DC9905 | DC9907 | DC9910 |
| Orange | DC9130 | DC9152 | DC9100 | DC9101 | DC9151 | DC9102 | DC9103 | DC9105 | DC9107 | DC9110 |
| Brown  | DC9230 | DC9252 | DC9200 | DC9201 | DC9251 | DC9202 | DC9203 | DC9205 | DC9207 | DC9210 |
| Purple | DC9330 | DC9352 | DC9300 | DC9301 | DC9351 | DC9302 | DC9303 | DC9305 | DC9307 | DC9310 |
| Pink   | DC9430 | DC9452 | DC9400 | DC9401 | DC9451 | DC9402 | DC9403 | DC9405 | DC9407 | DC9410 |
| White  | DC8930 | DC8952 | DC8900 | DC8901 | DC8951 | DC8902 | DC8903 | DC8905 | DC8907 | DC8910 |

|                                                                                       |          |                                             |       |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|----------|---------------------------------------------|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>GENERAL TOLERANCE OF DIMENSIONS</b><br>X.XXX ±0.005<br>X.XX ±0.05<br>X.X ±0.1      | DRAWING  | 10.SEP.2019                                 | SP    |  |                                                                                       |
|                                                                                       | CHECK    | 10.SEP.2019                                 | CMD   |                                                                                       |                                                                                       |
|                                                                                       | APPROVAL | 10.SEP.2019                                 | YTY   |                                                                                       |                                                                                       |
|                                                                                       |          | DATE                                        | NAME  | ITEM NO.: DC9XXX                                                                      |                                                                                       |
|                                                                                       | SCALE    | 1/1 (A4)                                    | UNIT  | mm                                                                                    | DES.: C6 UTP 28AWG Patch Cord with Molding type                                       |
|  |          | DRAWING NO. C6 UTP 28AWG Molding Patch Cord |       |                                                                                       |  |
| DRAWING CLASSIFICATION                                                                |          | S                                           | SHEET | 2 OF 2                                                                                |                                                                                       |

1

2

0

3

4

10cm

5

6