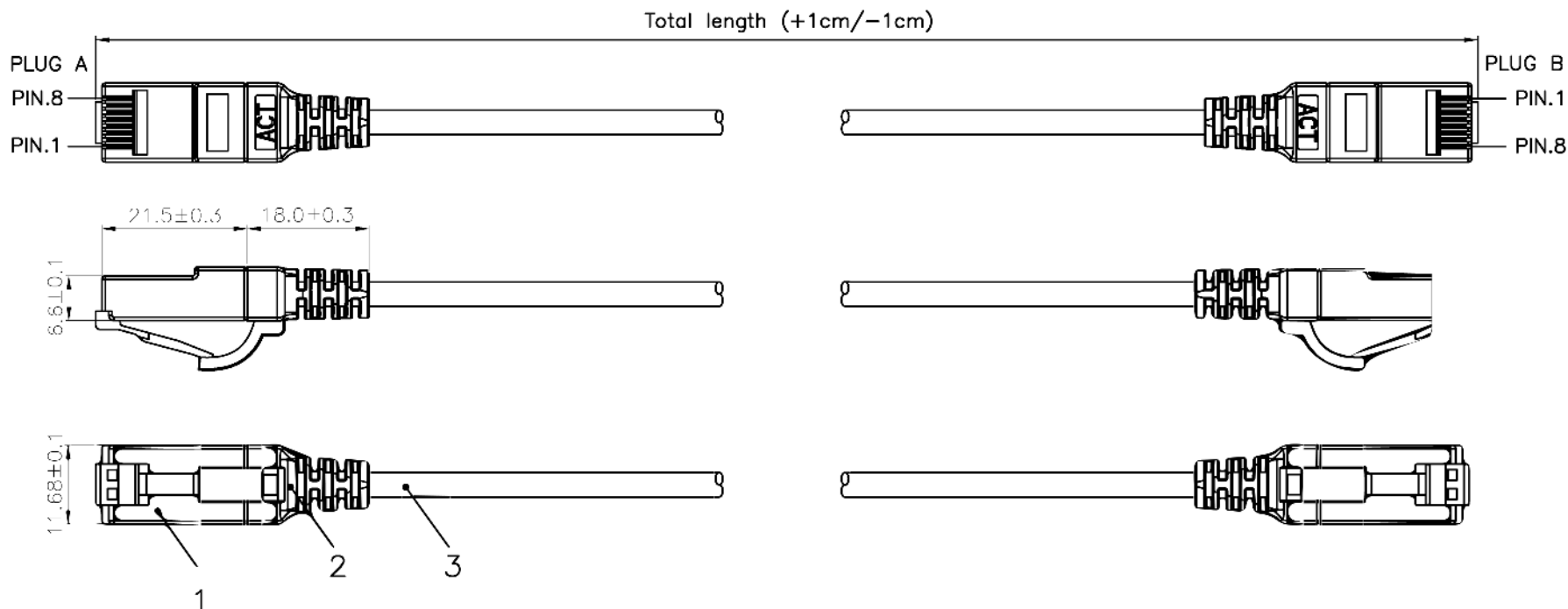


1 2 3 4 5 6



## 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 TOLERANCE OF DIMENSIONS<br>X.XXX ±0.005<br>X.XX ±0.05<br>X.X ±0.1 | DRAWING  | 10.SEP.2019 | SP                                          | <b>ACT</b>       |                                                 |
|                                                                           | 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                                    |



1 2 3 4 5 6

A

A

B

B

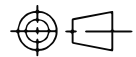
C

C

D

D

| Color  | Similar to RAL | 0.25m  | 0.5m   | 1m     | 1.5m   | 2m     | 3m     | 5m     | 7m     | 10m    |
|--------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Grey   | RAL7035        | DC9052 | DC9000 | DC9001 | DC9051 | DC9002 | DC9003 | DC9005 | DC9007 | DC9010 |
| Red    | RAL3031        | DC9552 | DC9500 | DC9501 | DC9551 | DC9502 | DC9503 | DC9505 | DC9507 | DC9510 |
| Blue   | RAL5015        | DC9652 | DC9600 | DC9601 | DC9651 | DC9602 | DC9603 | DC9605 | DC9607 | DC9610 |
| Green  | RAL6029        | DC9752 | DC9700 | DC9701 | DC9751 | DC9702 | DC9703 | DC9705 | DC9707 | DC9710 |
| Yellow | RAL1021        | DC9852 | DC9800 | DC9801 | DC9851 | DC9802 | DC9803 | DC9805 | DC9807 | DC9810 |
| Black  | RAL9011        | DC9952 | DC9900 | DC9901 | DC9951 | DC9902 | DC9903 | DC9905 | DC9907 | DC9910 |

|                                                                                       |          |                                             |      |                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|----------|---------------------------------------------|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 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 2 OF 2                                                                        |                                                                                       |

10cm