

**RoHS Compliant**

The drawing illustrates a DisplayPort cable assembly. The top view shows the cable length as  $L \pm T$  mm. Key components are labeled: HDMI MALE (P1), DP Connector (P2), and DISPLAYPORT PLUG. Detailed views of the connectors show their internal structures and dimensions.

**Table :**

| P/N        | Length       |
|------------|--------------|
| 11.04.5785 | 1000 ± 20 mm |
| 11.04.5786 | 2000 ± 30 mm |
| 11.04.5787 | 3000 ± 40 mm |

Test requirement:  
Resolution: 4K\*2K@60HZ

**Pin Assignment**

| SHELL | PCB'A  | Color | DP | SHELL |
|-------|--------|-------|----|-------|
| 2     | Gnd    | White | 2  | 1     |
| 4     | Brown  | 3     | 5  | 4     |
| 6     | Gnd    | Blue  | 6  | 7     |
| 5     | White  | 8     | 8  | 9     |
| 1     | Green  | 10    | 11 | 10    |
| 3     | White  | 12    | 12 | 11    |
| 8     | Gnd    | 16    | 16 | 15    |
| 10    | Red    | 17    | 17 | 16    |
| 12    | Yellow | 19    | 19 | 17    |
| 16    | Gnd    | 20    | 20 | 18    |
| 18    | White  |       |    | 20    |
| 13    | Orange |       |    |       |

**Legend:**

- 1 Cable [30AWG(7/0.1T)x1P+D+AL+MYLAR]x5P+30AWG(7/0.1T)x5C+F+ADB16/5/0.12(AL) ◊ Jacket : PVC, Black ◊ O.D.=6.0±0.20mm ◊
- 2 DP Connector Male, Solder, Gold Plated ◊
- 3 Clip DP
- 4 Shell DP : ABS, Black
- 5 HDMI Connector DP to HDMI PCB'A, Gold Plated  
Shell : ABS, Black
- 6 PE LDPE
- 7 PVC 60P, Black

| REV. | DATE | CONTENTS OF CHANGE | DESIGNER | TOL ±<br>RANGE | Pla | Met | Ina | Por | V<br>Cab | Pac | Gas | DIS | APPROVAL | CHECK | DRAWING | DESIGN | DRAWING NAME<br>DATE | ROLINE DisplayPort Cable, DP-UHDTV, M/M |                                       |     |
|------|------|--------------------|----------|----------------|-----|-----|-----|-----|----------|-----|-----|-----|----------|-------|---------|--------|----------------------|-----------------------------------------|---------------------------------------|-----|
| ①    |      |                    |          | 0~6            | 0.1 | 0.1 | 0.1 | 0.2 | 0.5      | 1   | 0.5 | 0.2 | PHLP     | PHLP  |         | TREE   | 2016-05-6            | PART NO.                                | 11.04.5785, 11.04.5786,<br>11.04.5787 | R00 |
| ②    |      |                    |          | 6~30           | 0.1 | 0.1 | .15 | .25 | 1        | 1   | 0.5 | .25 |          |       |         |        |                      |                                         |                                       |     |
| ③    |      |                    |          | 30~80          | 0.1 | .15 | 0.2 | 0.3 | 2        | 1.5 | 1   | 0.3 |          |       |         |        |                      |                                         |                                       |     |
| ④    |      |                    |          | 80~180         | .15 | .15 | .25 | 0.3 | 2        | 2   | 1   | .45 |          |       |         |        |                      |                                         |                                       |     |
| ⑤    |      |                    |          | 180~315        | .15 | 0.2 | 0.3 | 0.4 | 2.5      | 2   | 1   | 0.6 |          |       |         |        |                      |                                         |                                       |     |
| ⑥    |      |                    |          | 315~800        | 0.2 | 0.3 | 0.4 | 0.5 | 3        | 3   | 2   | 1.1 |          |       |         |        |                      |                                         |                                       |     |

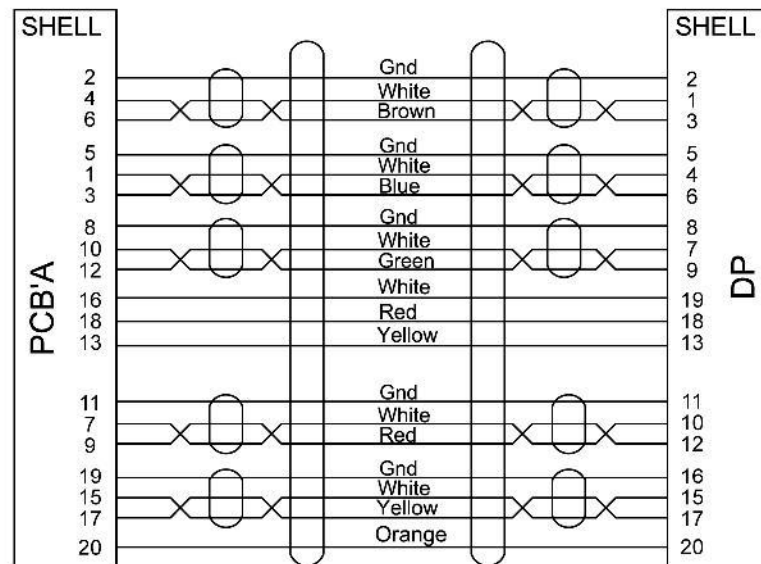
SCALE 1:1 UNIT MM

Resolution:4K\*2K@60HZ

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|------------|--------------|
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- |   |                |                                                                                                                   |
|---|----------------|-------------------------------------------------------------------------------------------------------------------|
| 1 | Cable          | [30AWG(7/0.1T)x1P+D+AL+MYLAR]x5P+30AWG(7/0.1T)x5C+F+ADB16/5/0.12(AL) ◊<br>Jacket : PVC, Black ◊ O.D.=6.0±0.20mm ◊ |
| 2 | DP Connector   | Male, Solder, Gold Plated ◊                                                                                       |
| 3 | Clip           | DP                                                                                                                |
| 4 | Shell          | DP : ABS, Black                                                                                                   |
| 5 | HDMI Connector | DP to HDMI PCB'A, Gold Plated<br>Shell : ABS, Black                                                               |
| 6 | PE             | LDPE                                                                                                              |
| 7 | PVC            | 60P, Black                                                                                                        |



| REV. | DATE | CONTENTS OF CHANGE | DESIGNER | TOL ±<br>RANGE | Pla | Met | Ins | Por | V<br>Cab | Pac | Gas | DIS | APPROVAL | CHECK | DRAWING | DESIGN | DRAWING NAME                            |                                    |  |  |
|------|------|--------------------|----------|----------------|-----|-----|-----|-----|----------|-----|-----|-----|----------|-------|---------|--------|-----------------------------------------|------------------------------------|--|--|
|      |      |                    |          |                |     |     |     |     |          |     |     |     |          |       |         |        | ROLINE DisplayPort Cable, DP-UHDTV, M/M |                                    |  |  |
| △    |      |                    |          | 0~6            | 0.1 | 0.1 | 0.1 | 0.2 | 0.5      | 1   | 0.5 | 0.2 | PHLP     | PHLP  |         | TREE   | DATE                                    | 2016-05-6                          |  |  |
| △    |      |                    |          | 6~30           | 0.1 | 0.1 | .15 | .25 | 1        | 1   | 0.5 | .25 |          |       |         |        | PART NO.                                | 11.04.5785, 11.04.5786, 11.04.5787 |  |  |
| △    |      |                    |          | 30~80          | 0.1 | .15 | 0.2 | 0.3 | 2        | 1.5 | 1   | 0.3 |          |       |         |        |                                         |                                    |  |  |
| △    |      |                    |          | 80~180         | .15 | .15 | .25 | 0.3 | 2        | 2   | 1   | .45 |          |       |         |        |                                         |                                    |  |  |
| △    |      |                    |          | 180~315        | .15 | 0.2 | 0.3 | 0.4 | 2.5      | 2   | 1   | 0.6 |          |       |         |        |                                         |                                    |  |  |
| △    |      |                    |          | 315~800        | 0.2 | 0.3 | 0.4 | 0.5 | 3        | 3   | 2   | 1.1 |          | SCALE | 1:1     | UNIT   | MM                                      |                                    |  |  |