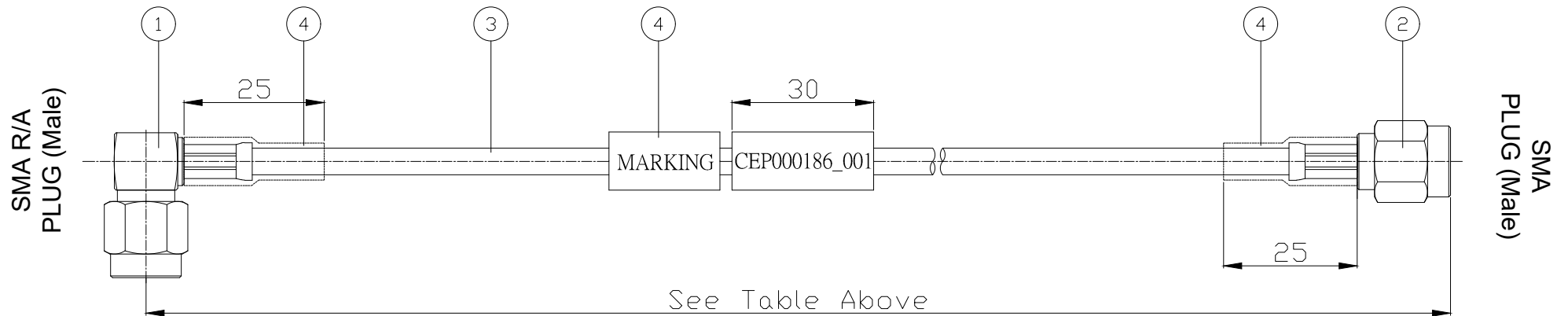


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE  
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## SPECIFICATION CONTROL DRAWING

|                                 |           |                                                                    |
|---------------------------------|-----------|--------------------------------------------------------------------|
| Rosnol P/N                      |           | Length (mm)                                                        |
| A1C59-RNL100-A1C50-220CA/<br>8G |           | 220                                                                |
| Frequency                       | VSWR Max. | Insertion Loss Max.                                                |
| 8 GHz                           | 1.25      | $\leq 0.00274 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 \text{ (dB)}$ |

| REVISION |                 |             |          |
|----------|-----------------|-------------|----------|
| REV.     | DESCRIPTION     | DATE        | APPROVED |
| –        | INITIAL RELEASE | JAN/17/2024 |          |



NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.  
2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC-8 GHz  
A1C59-RNL100-A1C50-220CA/ 8G

|     |                        |                     |       |     |
|-----|------------------------|---------------------|-------|-----|
| 5   | LABEL HEAT SHRINK TUBE | HST-W-D6-125C-G     | 1     | EA  |
| 4   | HEAT SHRINK TUBE       | HST-B-D6.4-125C-G   | 2X 25 | mm  |
| 3   | CABLE                  | ROSNOL RNL100 Cable | 220   | mm  |
| 2   | SMA CRIMP PLUG         | SMA1C50-R100A/111   | 1     | EA  |
| 1   | SMA R/A CRIMP PLUG     | SMA1C59-G316A/144   | 1     | EA  |
| NO. | DESCRIPTION            | PARTS NO.           | QTY.  | U/M |

|                                                                                                  |          |          |                   |
|--------------------------------------------------------------------------------------------------|----------|----------|-------------------|
| DIMENSION ARE IN MM [INCH]                                                                       | CUSTOMER | REV<br>— | UNIT<br>mm [inch] |
| TOLERANCES                                                                                       | DATE     |          |                   |
| DECIMALS<br>.X ± 6.35 [.250"]<br>.XX ± 3.18 [.125"]<br>.XXX ± 1.52 [.060"]<br>DEGREES<br>X° ± 1° |          |          |                   |
|                                                                                                  | DRAWN    | DATE     |                   |

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|             |                                                                                                                            |
|-------------|----------------------------------------------------------------------------------------------------------------------------|
| TITLE       | <p align="center"><b>SMA R/A Plug (Male) to SMA Plug (Male)</b><br/> <b>0.22 Meter Cable Assembly for RNL100 Cable</b></p> |
| DRAWING NO. | <p align="center"><b>A1C59-RNL100-A1C50-220CA/8G</b></p>                                                                   |