

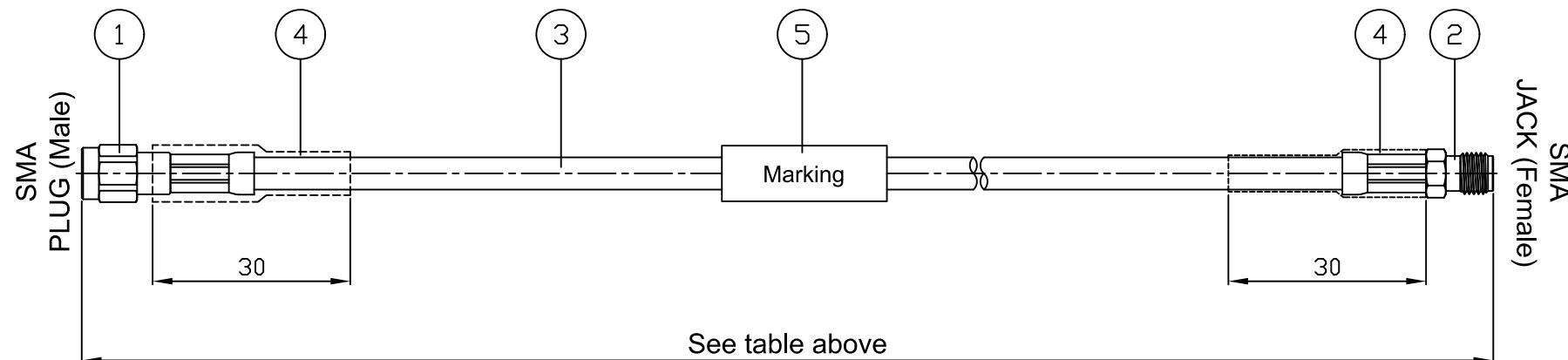
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# SPECIFICATION CONTROL DRAWING

REVISION

| REV. | DESCRIPTION     | DATE        | APPROVED |
|------|-----------------|-------------|----------|
| -    | INITIAL RELEASE | NOV/27/2024 |          |

| Rosnol P/N                  | Length (mm)                                                                   |
|-----------------------------|-------------------------------------------------------------------------------|
| A1C50-RNL195-A2C50-500A/6G  | 500                                                                           |
| A1C50-RNL195-A2C50-1000A/6G | 1000                                                                          |
| Frequency                   | VSWR Max.                                                                     |
| 6 GHz                       | 1.25                                                                          |
|                             | $\leq 0.000998 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 * \sqrt{f(\text{GHz})}$ |



## CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

|     |                        |                     |                 |     |
|-----|------------------------|---------------------|-----------------|-----|
| 5   | LABEL HEAT SHRINK TUBE | HST-W-D8-125C       | 1               | EA  |
| 4   | HEAT SHRINK TUBE       | HST-B-D8-125C       | 2X 30           | mm  |
| 3   | CABLE                  | ROSNOL RNL195 Cable | See table above | mm  |
| 2   | SMA CRIMP JACK         | SMA2C50-EZR195A/91  | 1               | EA  |
| 1   | SMA CRIMP PLUG         | SMA1C50-EZR195A/144 | 1               | EA  |
| NO. | DESCRIPTION            | PARTS NO.           | QTY.            | U/M |

## NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 6 GHz  
A1C50-RNL195-A2C50-XXX/6G  
WW/YY SERIAL NUMBER
- 3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  
 $\pm 3 \text{ mm}$  FOR  $L \leq 300 \text{ mm}$  ;  $\pm 1\%$  FOR  $L > 300 \text{ mm}$

| DIMENSION ARE IN MM [INCH] |  | CUSTOMER  | REV  | UNIT |
|----------------------------|--|-----------|------|------|
| TOLERANCES                 |  | mm [inch] |      |      |
| DECIMALS                   |  | APPROVED  |      |      |
| $.X \pm 6.35 [.250"]$      |  | DATE      |      |      |
| $.XX \pm 3.18 [.125"]$     |  | DRAWN     | DATE |      |
| $.XXX \pm 1.52 [.060"]$    |  |           |      |      |
| DEGREES                    |  |           |      |      |
| $X^\circ \pm 1^\circ$      |  |           |      |      |

**ROSNOL**   
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N-CAGE Code: SFKK0

TITLE  
SMA Plug (Male) to SMA Jack (Female)  
XXX Meter Cable Assembly for RNL195 Cable

DRAWING NO.  
A1C50-RNL195-A2C50-XXX/6G