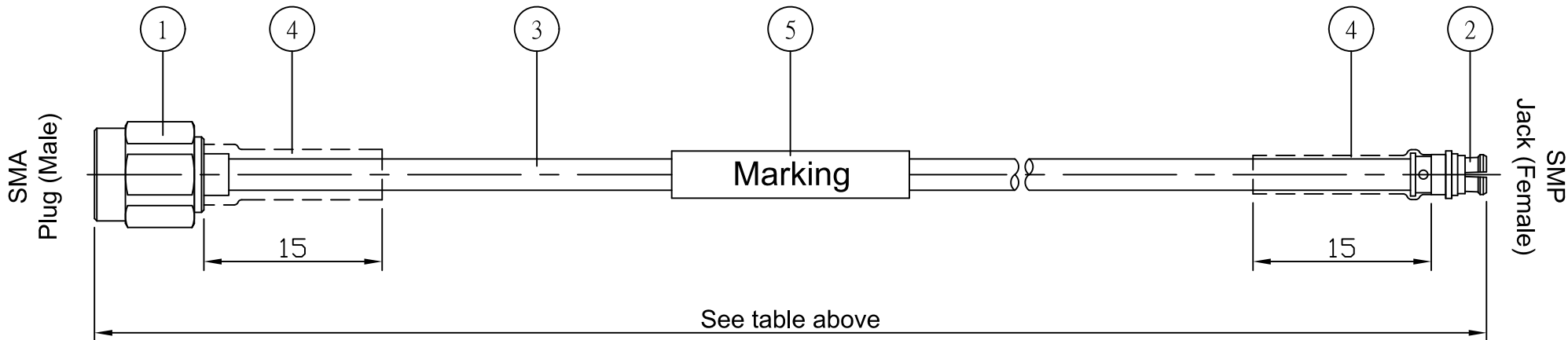


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# SPECIFICATION CONTROL DRAWING

| REVISION |                 |             |          |
|----------|-----------------|-------------|----------|
| REV.     | DESCRIPTION     | DATE        | APPROVED |
| -        | INITIAL RELEASE | DEC/18/2025 |          |

| Rosnol P/N                |           | Length (mm)   |
|---------------------------|-----------|---|
| A1E50-EF405-P2E50-500A/1G |           | 500   |
| Frequency                 | VSWR Max. | Insertion Loss Max. (dB)  |
| 1 GHz                     | 1.25      | $\leq 0.00075 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$ |



## CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

### NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
 ROSNOL DC-1 GHz  
 A1E50-EF405-P2E50-500A/1G  
 WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  
 $\pm 3 \text{ mm}$  FOR  $L \leq 300 \text{ mm}$  ;  $\pm 1\%$  FOR  $L > 300 \text{ mm}$

| NO. | DESCRIPTION            | PARTS NO.          | QTY.  | U/M |
|-----|------------------------|--------------------|-------|-----|
| 5   | LABEL HEAT SHRINK TUBE | HST-W-D4-125C      | 1     | EA  |
| 4   | HEAT SHRINK TUBE       | HST-B-D4-125C      | 2X 15 | mm  |
| 3   | CABLE                  | ROSNOL EF405 Cable | 500   | mm  |
| 2   | SMP SOLDER JACK        | SMP2E50-0085A/91   | 1     | EA  |
| 1   | SMA SOLDER PLUG        | SMA1E50-0085A/91X  | 1     | EA  |

| 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    |     |           |
| .XXX $\pm 1.52$ [.060"]    |  | DATE     |     |           |
| DEGREES                    |  |          |     |           |
| $X^\circ \pm 1^\circ$      |  |          |     |           |

**ROSNOL**

RF/Microwave Technology  
 www.rosnol.com  
 info@rosnol.com  
 N-CAGE Code: SFKK0

TITLE  
 SMA Plug (Male) to SMP Jack (Female)  
 0.5 Meter Cable Assembly for EF405 Cable

DRAWING NO.  
 A1E50-EF405-P2E50-500A/1G