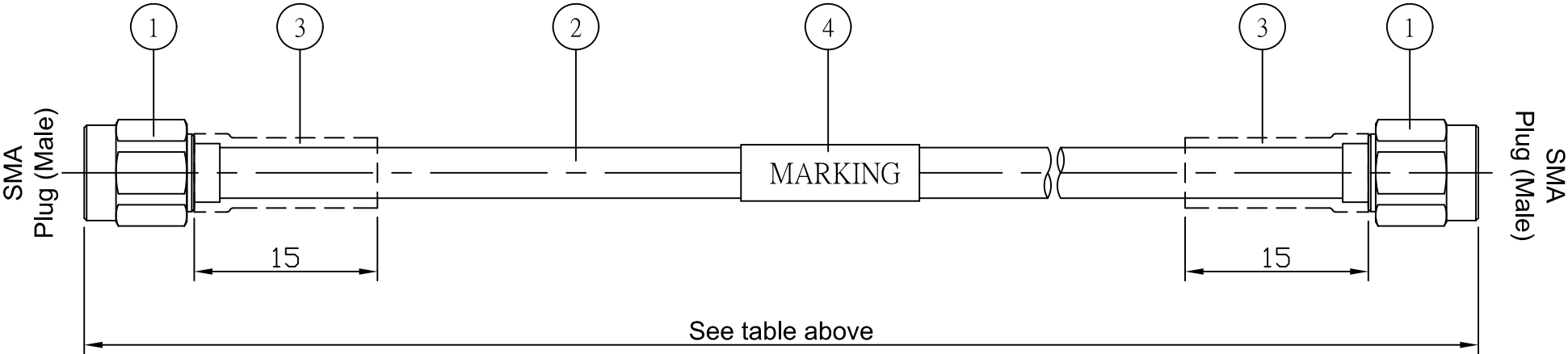


|                                                                                                                                                                       |           |                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------|
| INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP. |           |                                                                   |
| Rosnol P/N                                                                                                                                                            |           | Length (mm)                                                       |
| A1E50-EF402-A1E50-1000A/18G                                                                                                                                           |           | 1000                                                              |
| Frequency                                                                                                                                                             | VSWR Max. | Insertion Loss Max. (dB)                                          |
| 18 GHz                                                                                                                                                                | 1.25      | $\leq 0.00209 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$ |

SPECIFICATION CONTROL DRAWING

| REVISION |                 |             |          |
|----------|-----------------|-------------|----------|
| REV.     | DESCRIPTION     | DATE        | APPROVED |
| -        | INITIAL RELEASE | SEP/04/2025 |          |



- NOTES:
- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
  - 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 18 GHz  
A1E50-EF402-A1E50-1000A/18G  
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  $L > 300 \text{ mm}$

| CUSTOMER'S APPROVAL                              |
|--------------------------------------------------|
| Department or company's stamp                    |
| Name:                                            |
| Date:                                            |
| Copy and send back to ROSNOL CORPORATION BEFORE: |

|     |                        |                    |       |     |                                                                                                                        |          |     |           |
|-----|------------------------|--------------------|-------|-----|------------------------------------------------------------------------------------------------------------------------|----------|-----|-----------|
| 4   | LABEL HEAT SHRINK TUBE | HST-W-D6-125C      | 1     | EA  | DIMENSION ARE IN MM [INCH]                                                                                             | CUSTOMER | REV | UNIT      |
| 3   | HEAT SHRINK TUBE       | HST-B-D6-125C      | 2X 50 | mm  | TOLERANCES<br><br>DECIMALS<br>.X ± 6.35 [.250"]<br>.XX ± 3.18 [.125"]<br>.XXX ± 1.52 [.060"]<br><br>DEGREES<br>X° ± 1° | DATE     |     | mm [inch] |
| 2   | CABLE                  | ROSNOL EF402 Cable | 1000  | mm  |                                                                                                                        | DATE     |     |           |
| 1   | SMA SOLDER PLUG        | SMA1E50-0141A/933  | 2     | EA  |                                                                                                                        | DATE     |     |           |
| NO. | DESCRIPTION            | PARTS NO.          | QTY.  | U/M |                                                                                                                        | DATE     |     |           |

**ROSNOL**  
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N-CAGE Code: SFKK0

TITLE  
SMA Plug (Male) to SMA Plug (Male)  
1 Meter Cable Assembly for EF402 Cable

DRAWING NO.  
A1E50-EF402-A1E50-1000A/18G