

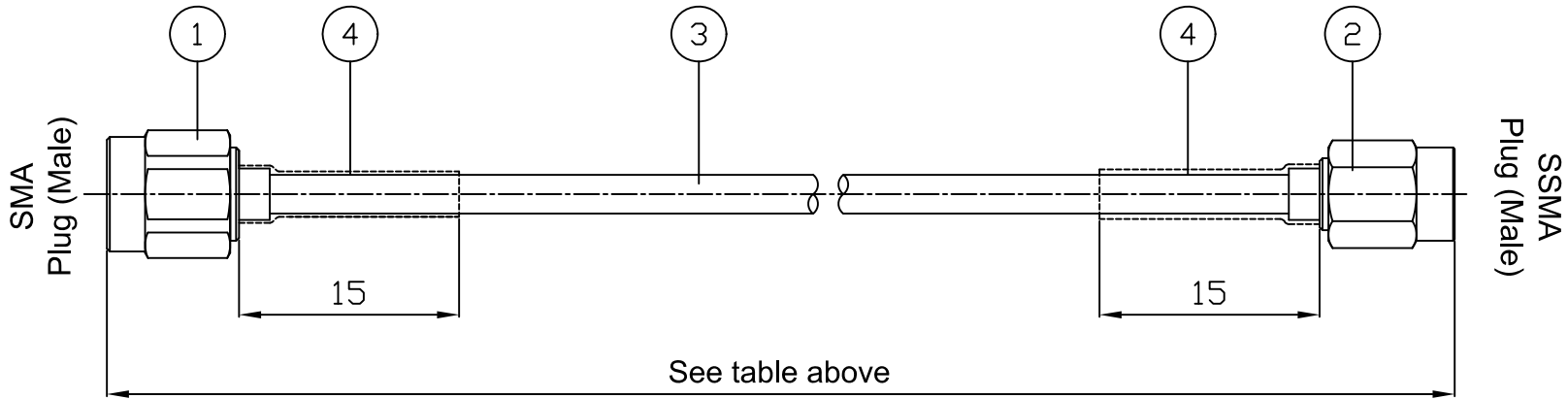
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N                 |           | Length (mm)                                                     |
|----------------------------|-----------|-----------------------------------------------------------------|
| A1E50-EF405-SA1E50-60A/18G |           | 60                                                              |
| Frequency                  | VSWR Max. | Insertion Loss Max.                                             |
| 18GHz                      | 1.25      | $\leq 0.00357(\text{dB/mm}) * L (\text{mm}) + 0.15 (\text{dB})$ |

## SPECIFICATION CONTROL DRAWING

### REVISION

| REV. | DESCRIPTION     | DATE        | APPROVED |
|------|-----------------|-------------|----------|
| -    | INITIAL RELEASE | APR/09/2025 |          |



### 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- 18 GHz  
A1E50-EF405-SA1E50-60A/18G  
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  $\pm 3$  mm FOR  $L \leq 300$ mm ;  $\pm 1\%$  FOR  $L > 300$ mm

| 4   | HEAT SHRINK TUBE | HST-B-D3.5-125C    | 2x 15 | mm  | DIMENSION ARE IN MM [INCH]<br><br>TOLERANCES<br><br>DECIMALS<br>.X $\pm 6.35$ [.250"]<br>.XX $\pm 3.18$ [.125"]<br>.XXX $\pm 1.52$ [.060"]<br>DEGREES<br>X° $\pm 1^\circ$ | CUSTOMER | REV<br>- | UNIT<br>mm [inch] |
|-----|------------------|--------------------|-------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|-------------------|
| 3   | CABLE            | ROSNOL EF405       | 60    | mm  |                                                                                                                                                                           | APPROVED | DATE     |                   |
| 2   | SSMA SOLDER PLUG | SSMA1E50-0085A/111 | 1     | EA  |                                                                                                                                                                           |          |          |                   |
| 1   | SMA SOLDER PLUG  | SMA1E50-0085A/91X  | 1     | EA  |                                                                                                                                                                           | DRAWN    | DATE     |                   |
| NO. | DESCRIPTION      | PARTS NO.          | QTY.  | U/M |                                                                                                                                                                           |          |          |                   |

**ROSNOL** 

RF/Microwave Technology  
[www.rosnol.com](http://www.rosnol.com)  
[info@rosnol.com](mailto:info@rosnol.com)  
N-CAGE Code: SFKK0

#### TITLE

SMA Plug (Male) to SSMA Plug (Male)  
0.06 Meter Cable Assembly for EF405 Cable

#### DRAWING NO.

A1E50-EF405-SA1E50-60A/18G