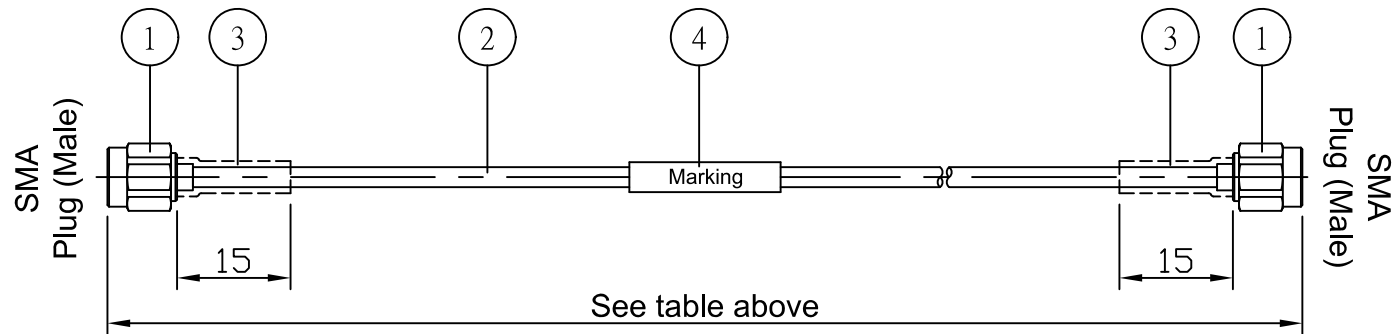


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N                      |           | Length (inches)  |
|---------------------------------|-----------|--|
| A1E50-RFX085FEP-A1E50-5inA/24G  |           | 5  |
| A1E50-RFX085FEP-A1E50-7inA/24G  |           | 7  |
| A1E50-RFX085FEP-A1E50-8inA/24G  |           | 8  |
| A1E50-RFX085FEP-A1E50-10inA/24G |           | 10   |
| A1E50-RFX085FEP-A1E50-11inA/24G |           | 11   |
| A1E50-RFX085FEP-A1E50-12inA/24G |           | 12   |
| A1E50-RFX085FEP-A1E50-13inA/24G |           | 13   |
| A1E50-RFX085FEP-A1E50-14inA/24G |           | 14   |
| Frequency                       | VSWR Max. | Insertion Loss Max. (dB)   |
| 24 GHz                          | 1.25      | $\leq 0.0970 \text{ (dB/in)} * L \text{ (in)} + 0.15 * \sqrt{f}$ |

# SPECIFICATION CONTROL DRAWING

| REVISION |                 |             |          |
|----------|-----------------|-------------|----------|
| REV.     | DESCRIPTION     | DATE        | APPROVED |
| -        | INITIAL RELEASE | DEC/12/2025 |          |



**NOTES:**

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
 ROSNOL DC- 24 GHz  
 A1E50-RFX085FEP-A1E50-XXX/24G  
 WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN INCHES ; LENGTH TOLERANCES :  
 $\pm .12\text{in}$  FOR  $L \leq 12\text{in}$  ;  $\pm 1\%$  FOR  $L > 12\text{in}$

## CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

| NO. | DESCRIPTION            | PARTS NO.         | QTY.            | U/M | DIMENSION ARE IN MM [INCH]  | CUSTOMER | REV  | UNIT      |
|-----|------------------------|-------------------|-----------------|-----|---|----------|------|-----------|
| 4   | LABEL HEAT SHRINK TUBE | HST-W-D4-125C     | 1               | EA  | TOLERANCES<br>DECIMALS<br>.X $\pm 6.35$ [.250"]<br>.XX $\pm 3.18$ [.125"]<br>.XXX $\pm 1.52$ [.060"]<br>DEGREES<br>X° $\pm 1^\circ$ | -        | -    | mm [inch] |
| 3   | HEAT SHRINK TUBE       | HST-B-D4-125C     | 2x 15           | mm  |   | APPROVED | DATE |           |
| 2   | CABLE                  | ROSNOL RFX085FEP  | See table above | in  |   | DRAWN    | DATE |           |
| 1   | SMA SOLDER PLUG        | SMA1E50-0085A/91X | 2               | EA  |   |          |      |           |



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

TITLE  
 SMA Plug (Male) to SMA Plug (Male)  
 XXX in Cable Assembly for RSX085FEP Cable

DRAWING NO.  
 A1E50-RFX085FEP-A1E50-XXX/24G