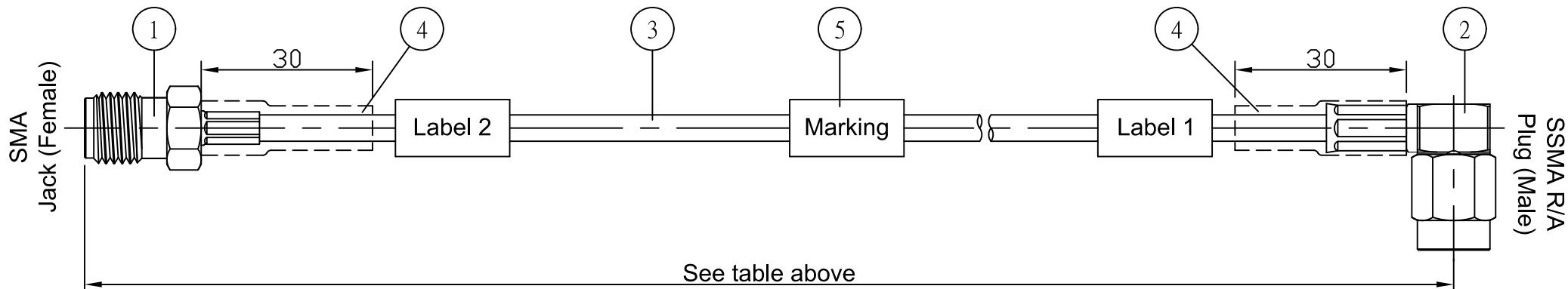


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N | Length (mm) | |
|-------------------------------|-------------|----------------------------------------------------|
| A2C50-RG178D-SA1C59-1200AC/3G | 1200 | |
| Frequency | VSWR Max. | Insertion Loss Max. (dB) |
| 3 GHz | 1.3 | $\leq 0.00291 \text{ dB/mm} * L (\text{mm}) + 0.8$ |

SPECIFICATION CONTROL DRAWING

| REVISION | | | |
|----------|-----------------|-------------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| - | INITIAL RELEASE | MAY/05/2025 | |



NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:

ROSNOL DC- 3 GHz

A2C50-RG178D-SA1C59-1200AC/3G

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 $L > 300 \text{ mm}$

- 4) Workmanship: IPC Class 3

- 5) Label Details :

| | |
|---------|---------|
| Label 1 | Label 2 |
| J5_1 | J5_2 |
| J7_1 | J7_2 |

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-D5-125C | 1 | EA |
| 4 | HEAT SHRINK TUBE | HST-B-D5-125C | 2X 30 | mm |
| 3 | CABLE | ROSNOL RG-178D Cable | 1200 | mm |
| 2 | SSMA R/A CRIMP PLUG | SSMA1C59-D178A/111 | 1 | EA |
| 1 | SMA CRIMP JACK | SMA2C50-D178A/91 | 1 | EA |
| NO. | DESCRIPTION | PARTS NO. | QTY. | U/M |

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

ROSNOL 
RF/Microwave Technology
www.rosnol.com
info@rosnol.com

N-CAGE Code: SFKK0

TITLE
SMA Jack (Female) to SSMA R/A Plug (Male)
1.2 Meter Cable Assembly for RG-178D Cable

DRAWING NO.
A2C50-RG178D-SA1C59-1200AC/3G