

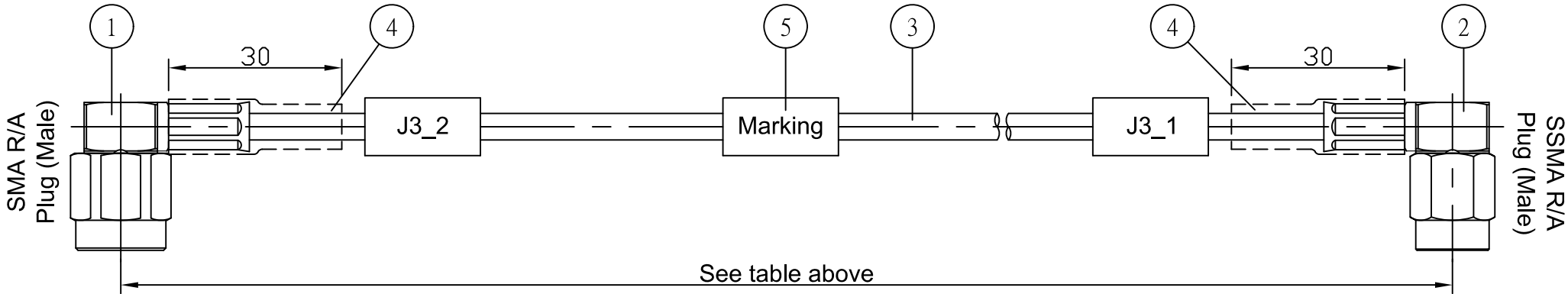
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1C59-RG178D-SA1C59-1000C/3G		1000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
3 GHz	1.3	$\leq 0.00291\text{dB/mm} \cdot L \text{ (mm)} + 0.8$

SPECIFICATION CONTROL DRAWING

REVISION

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



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- 3 GHz
A1C59-RG178D-SA1C59-1000C/3G
WWYY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$
- Workmanship: IPC Class 3

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	1000	mm
2	SSMA R/A CRIMP PLUG	SSMA1C59-D178A/111	1	EA
1	SMA R/A CRIMP PLUG	SMA1C59-D178A/111	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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

ROSNOL

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

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

DRAWING NO.
A1C59-RG178D-SA1C59-1000C/3G