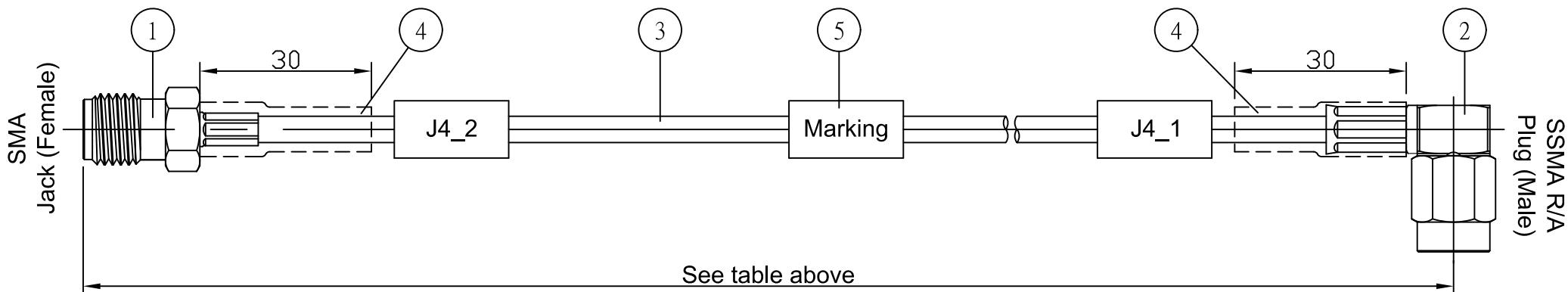


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N	Length (mm)	
A2C50-RG178D-SA1C59-1000AC/3G	1000	
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	



CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 3 GHz
A2C50-RG178D-SA1C59-1000AC/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 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 CRIMP JACK	SMA2C50-D178A/91	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]		CUSTOMER	REV	UNIT
TOLERANCES		mm [inch]		
DECIMALS				
$.X \pm 6.35$ [.250"]				
$.XX \pm 3.18$ [.125"]				
$.XXX \pm 1.52$ [.060"]				
DEGREES				
$X^\circ \pm 1^\circ$				

ROSNOL 
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N-CAGE Code: SFKK0

TITLE
SMA Jack (Female) to SSMA R/A Plug (Male)
1 Meter Cable Assembly for RG-178D Cable
DRAWING NO.
A2C50-RG178D-SA1C59-1000AC/3G