

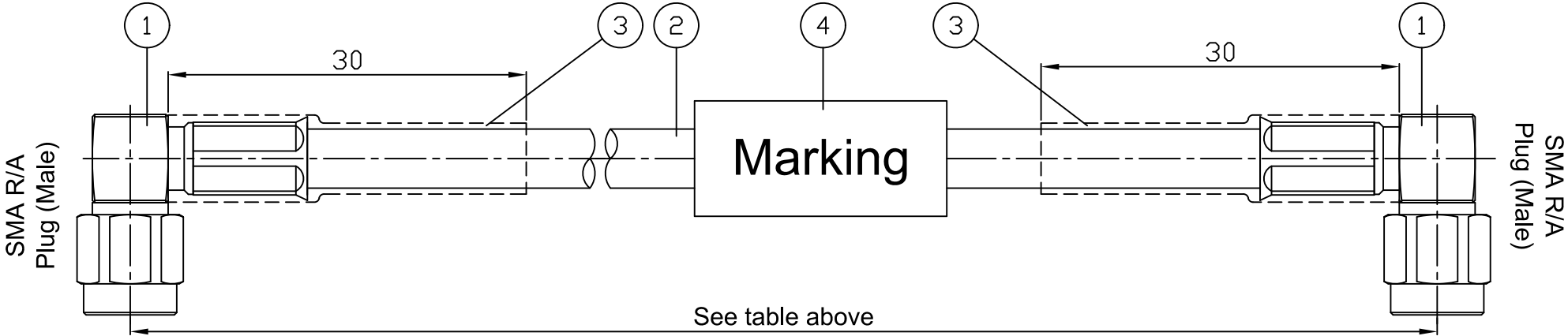
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1C59-RG142-A1C59-2000C/8 G		2000
Frequency	VSWR Max.	Insertion Loss Max.
8 GHz	1.35	$\leq 0.00145 \text{ (dB/mm)} * L \text{ (mm)} + 0.16 * \sqrt{f \text{ (dB)}}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	OCT/1/2024	



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- TEST AND MEASUREMENT 100%, DC- 8 GHz VSWR X.XX, INSERTION LOSS: XXXX dB (SEE TABLE)
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 8 GHz
A1C59-RG142-A1C59-2000C/8G
WWYY-SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300$

CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D8-125C	2X 30	mm	TOLERANCES DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"] DEGREES X° ± 1°	DATE		mm [inch]
2	CABLE	RG-142B/U Cable	2000	mm		DATE		
1	SMA R/A CRIMP PLUG	SMA1C59-G142A/111	2	EA		DATE		
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M		DATE		

ROSNOL



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

TITLE
SMAR/A Plug (Male) to SAM R/A Plug (Female)
2 Meter Cable Assembly for RG-142B/U Cable

DRAWING NO.
A1C59-RG142-A1C59-2000C/8G