

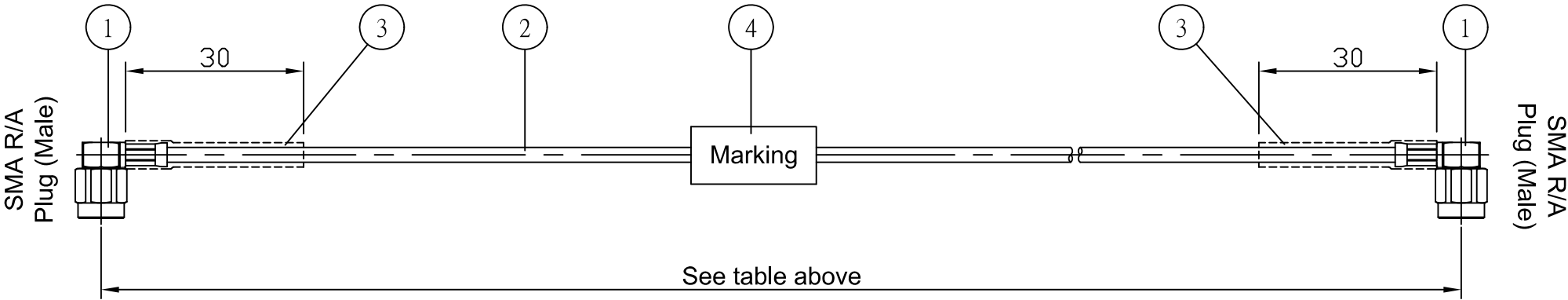
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1C59-RG316-A1C59-332C/6G		332
A1C59-RG316-A1C59-1000C/6G		1000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
6 GHz	1.25	$\leq 0.00234 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUN/27/2025	



- NOTES:
- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
 - MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 6 GHz
A1C59-RG316-A1C59-XXX/6G
WW/YY - SERIAL NUMBER
 - ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

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-D4-125C	1	EA	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D4-125C	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	ROSNOL RG316 Cable	See table above	mm		DATE		
1	SMA R/A CRIMP PLUG	SMA1C59-G316C/944	2	EA		DATE		
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M		DATE		

ROSNOL

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N-CAGE Code: SFKK0



TITLE
SMA R/A Plug (Male) to SMA R/A Plug (Male)
XXX Meter Cable Assembly for RG316 Cable

DRAWING NO.
A1C59-RG316-A1C59-XXX/6G