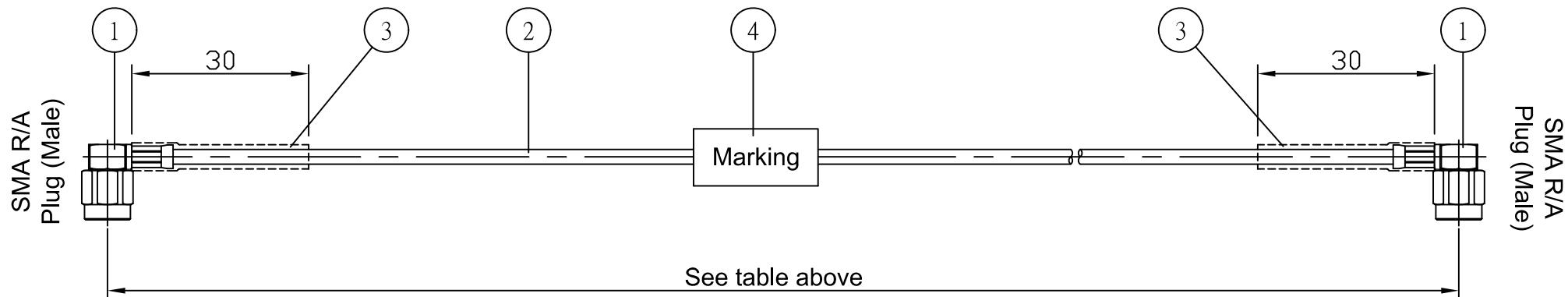


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# SPECIFICATION CONTROL DRAWING

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

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	$\leq 0.00234 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$



## NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 6 GHz  
A1C59-RG316-A1C59-XXX/6G  
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  $L > 300 \text{ mm}$

## 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]  TOLERANCES  DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"]  DEGREES X° ± 1°	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D4-125C	2X 30	mm		APPROVED	DATE	mm [inch]
2	CABLE	ROSNOL RG316 Cable	See table above	mm		DRAWN	DATE	
1	SMA R/A CRIMP PLUG	SMA1C59-G316C/944	2	EA				
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

**ROSNOL**   
RF/Microwave Technology  
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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