

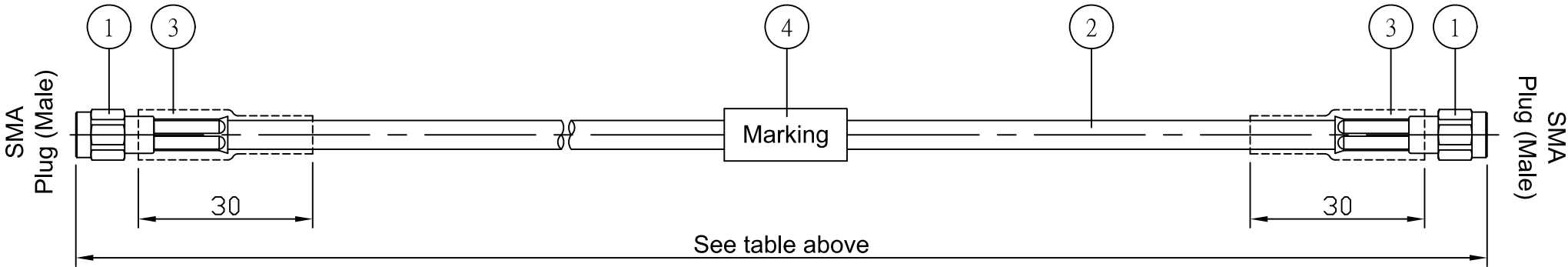
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1C50-RG142-A1C50-500A/4G		500
A1C50-RG142-A1C50-1000A/4G		1000
A1C50-RG142-A1C50-3000A/4G		3000
A1C50-RG142-A1C50-5000A/4G		5000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
4 GHz	1.25	$\leq 0.000945 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	DEC/09/2025	



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- 4 GHz
A1C50-RG142-A1C50-XXX/4G
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	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA	DIMENSION ARE IN MM [INCH] TOLERANCES DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"] DEGREES X° $\pm 1^\circ$	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D8-125C	2X 30	mm		-	-	mm [inch]
2	CABLE	RG-142B/U Cable	See table above	mm		APPROVED	DATE	
1	SMA CRIMP PLUG	SMA1C50-G142C/133	2	EA		DRAWN	DATE	
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

ROSNOL 

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

TITLE
SMA Plug (Male) to SMA Plug (Male)
XXX Meter Cable Assembly for RG-142B/U Cable

DRAWING NO.
A1C50-RG142-A1C50-XXX/4G