

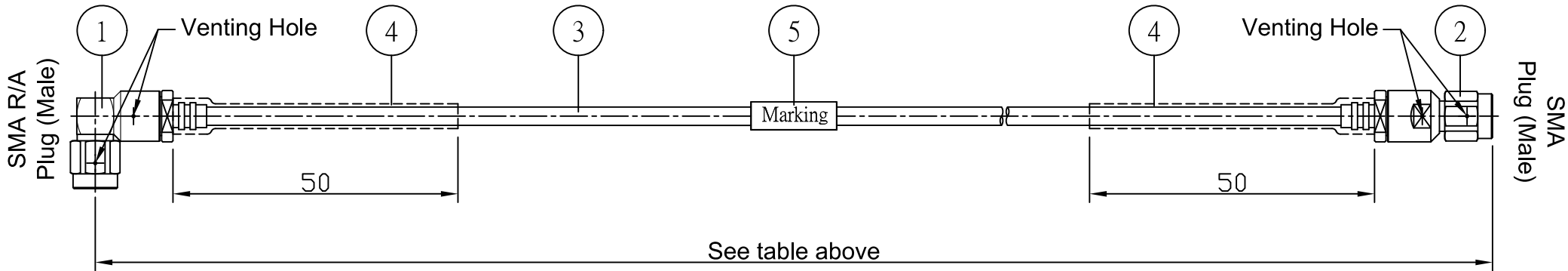
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1K59-TVAC320A-PM-A1K50-1200CA/12.4G		1200
A1K59-TVAC320A-PM-A1K50-2000CA/12.4G		2000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
10.4 GHz 12.4 GHz	1.25	≤ 3.68 $\leq 0.001550 \text{ (dB/mm)} * L \text{ (mm)} + 0.6$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	OCT/15/2025	



CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

5	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm
3	CABLE	ROSNOL TVAC320A Cable	See table above	mm
2	SMA SOLDER CLAMP PLUG	SMA1K50-TVAC320A/9XX	1	EA
1	SMA R/A SOLDER CLAMP PLUG	SMA1K59-TVAC320A/911	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 12.4 GHz
A1K59-TVAC320A-PM-A1K50-XXX/12.4G
WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$
- Low outgassing: TML<1%, CVCM<0.1%
- All with venting hole connectors (Venting Holes: $\leq 1 \text{ mm}$)
- Workmanship: Minimum IPC Class 3
- Phase Matching: $\pm 3 \text{ degree@ } 9.2 \text{ to } 10.4 \text{ GHz}$
- Amplitude Matching : $\pm 0.25 \text{ dB}$

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

ROSNOL 
RF/Microwave Technology
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N-CAGE Code: SFKK0

TITLE
SMA R/A Plug (Male) to SMA Plug (Male)
XXX Meter Cable Assembly for TVAC320A Cable

DRAWING NO.
A1K59-TVAC320A-PM-A1K50-XXX/12.4G