

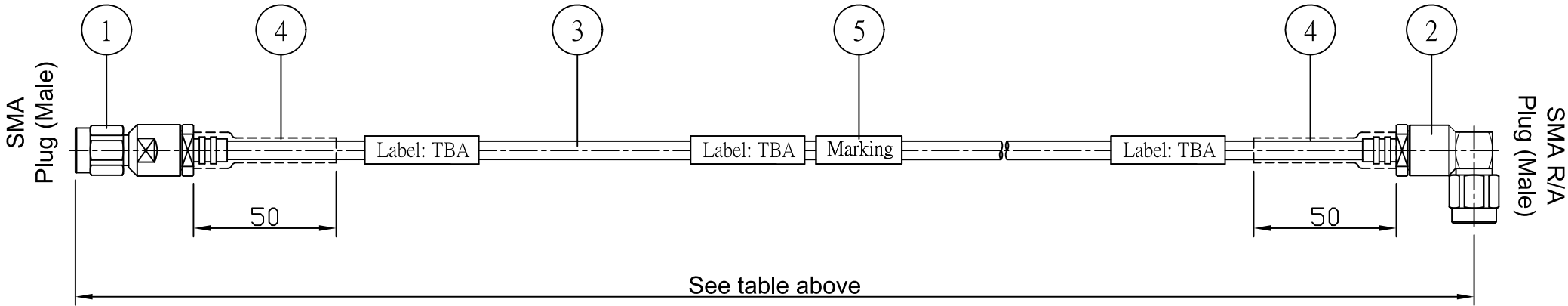
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1K50-MP320A-PM-A1K59-1500 AC/12.4G		1500
Frequency	VSWR Max.	Insertion Loss Max. (dB)
10.4 GHz 12.4 GHz	1.25	≤ 2.76 $\leq 0.001550 \text{ (dB/mm)} * L \text{ (mm)} + 0.6$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	AUG/26/2025	



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 MP320A Cable	1500	mm
2	SMA R/A SOLDER CLAMP PLUG	SMA1K59-MP320A/911	1	EA
1	SMA SOLDER CLAMP PLUG	A1K50-0320A/9XX	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
A1K50-MP320A-PM-A1K59-1500AC/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 $L > 300 \text{ mm}$
- Workmanship: Minimum IPC Class 2
- Phase Matching: $\pm 3 \text{ degree@ } 10.4 \text{ GHz}$
- Amplitude Matching : $\pm 0.25 \text{ dB}$

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

ROSNOL

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

TITLE
SMA Plug (Male) to SMA R/A Plug (Male)
1.5 Meter Cable Assembly for MP320A Cable

DRAWING NO.
A1K50-MP320A-PM-A1K59-1500AC/12.4G