

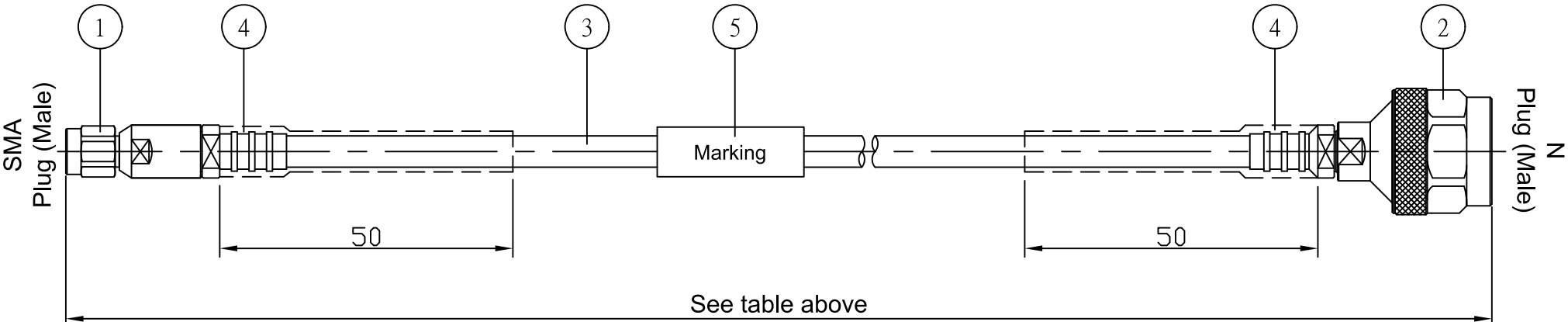
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (inches)
A1K50-MP533A-N1K50-24inA/9G		24
Frequency	VSWR Max.	Insertion Loss Max. (dB)
9 GHz	1.25	$\leq 0.0299 \text{ (dB/in)} * L \text{ (in)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAY/13/2025	



CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 9 GHz
A1K50-MP533A-N1K50-24inA/9G
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN INCHES ; LENGTH TOLERANCES :
 $\pm .12\text{in}$ FOR $L \leq 12\text{in}$; $\pm 1\%$ FOR $L > 12\text{in}$

5	LABEL HEAT SHRINK TUBE	HST-W-D6-125C-G	1	EA
4	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2x 50	mm
3	CABLE	ROSNOL MP533A	24	in
2	N Solder Clamp Plug	N1K50-MP533A/9XX	1	EA
1	SMA Solder Clamp Plug	SMA1K50-MP533A/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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 N Plug (Male)
24 in Cable Assembly for MP533A Cable

DRAWING NO.
A1K50-MP533A-N1K50-24inA/9G