

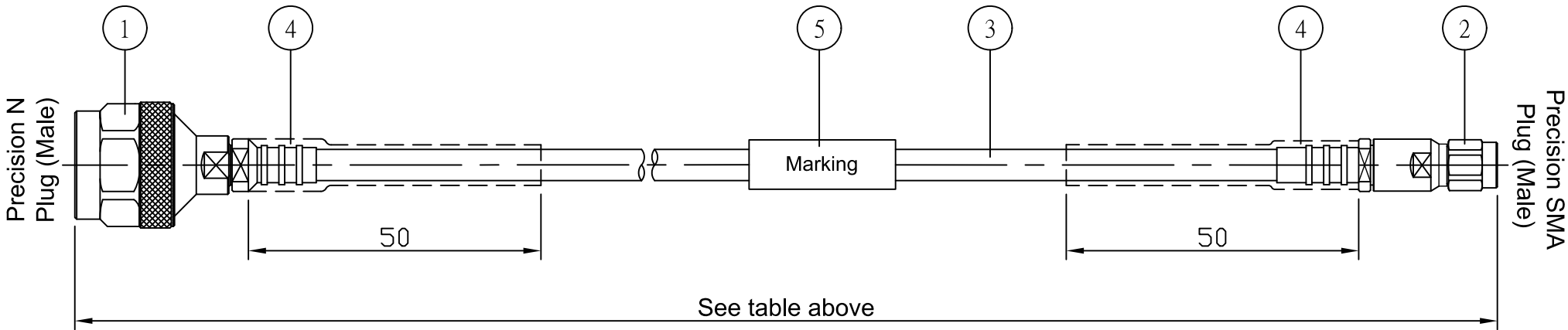
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCN1K50-MP533A-PCA1K50-2000A/4G		2000
PCN1K50-MP533A-PCA1K50-4000A/4G		4000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.25	$\leq 0.00118 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

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



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- 18 GHz
PCN1K50-MP533A-PCA1K50-XXX/18G
WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

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 MP533A Cable	See table above	mm
2	Precision SMA SOLDER CLAMP PLUG	PCA1K50-MP533A/9XX	1	EA
1	Precision N SOLDER CLAMP PLUG	PCN1K50-MP533A/1XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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

ROSNOL 

RF/Microwave Technology
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N-CAGE Code: SFKK0

TITLE
Precision N Plug (Male) to Precision SMA Plug (Male)
XXX Meter Cable Assembly for MP533A Cable

DRAWING NO.
PCN1K50-MP533A-PCA1K50-XXX/18G