

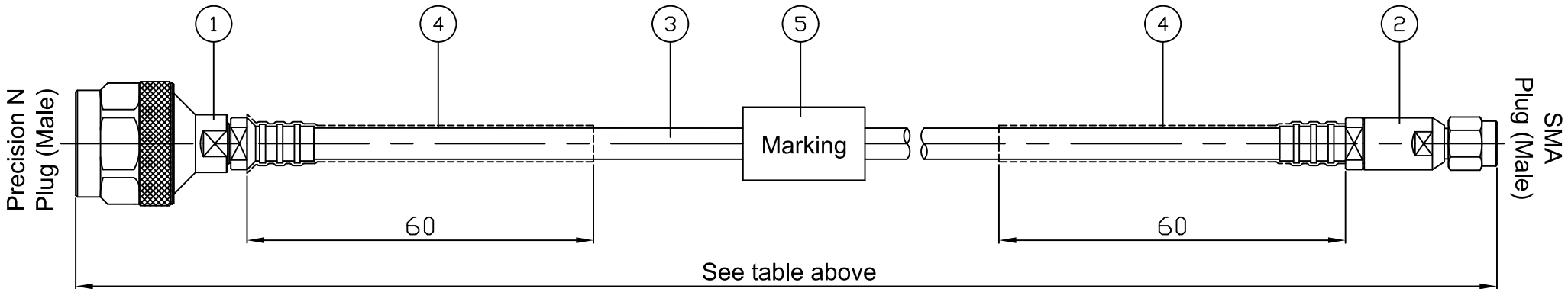
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCN1K50-MP533A-A1K50-3000 A/18G		3000
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.25	$\leq 0.00118 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 * \sqrt{f \text{ (dB)}}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	SEP/27/2024	



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) TEST AND MEASUREMENT 100%, DC- 18 GHz VSWR X.XX, INSERTION LOSS: XXXX dB (SEE TABLE)
- 3) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
PCN1K50-MP533A-A1K50-3000A/18G
WWYY-SERIAL NUMBER
- 4) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : ± 3 mm FOR $L \leq 300$ mm ; $\pm 1\%$ FOR $L > 300$

5	LABEL HEAT SHRINK TUBE	HST-W-D6-125C-G	1	EA
4	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 60	mm
3	CABLE	ROSNOL MP533A Cable	3000	mm
2	SMA SOLDER CLAMP PLUG	SMA1K50-MP533A9XX	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		APPROVED		
		DATE		
DECIMALS		DRAWN		
		DATE		
.X ± 6.35 [.250"]				
.XX ± 3.18 [.125"]				
.XXX ± 1.52 [.060"]				
DEGREES				
X° $\pm 1^\circ$				

ROSNOL

RF/Microwave Technology
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N-CAGE Code: SFKK0



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

DRAWING NO.
PCN1K50-MP533A-A1K50-3000A/18G