

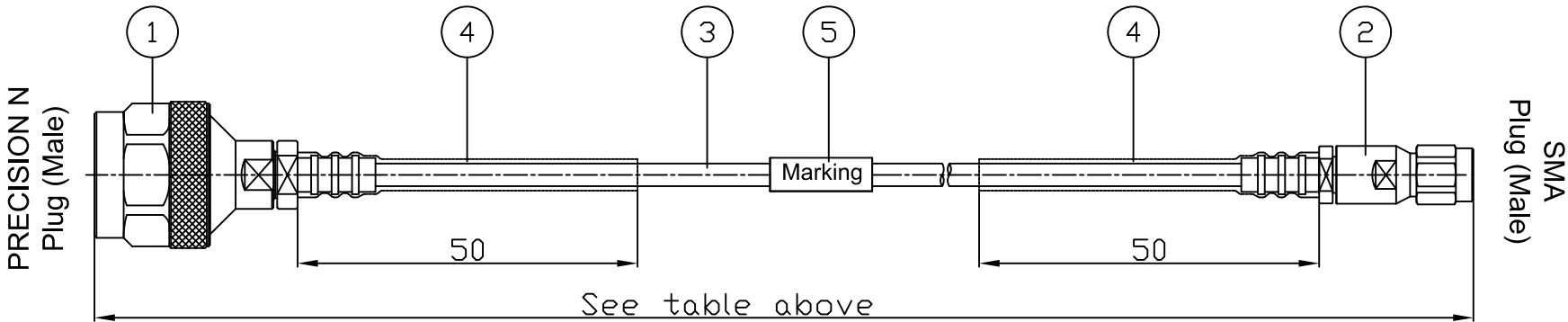
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCN1K50-MP320A-PM-A1K50-1500A/18G		1500
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.3	$\leq 0.00217 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 * \sqrt{f} \text{ (dB)}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	SEP/26/2024	



CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- TEST AND MEASUREMENT 100%, DC-18 GHz VSWR X.XX, INSERTION LOSS: XXXX dB (SEE TABLE)
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC-18 GHz
PCN1K50-MP320A-PM-A1K50-1500A/18G
WWYY-SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$;
 $\pm 1\%$ FOR $L > 300$
- Phase Matching: $\pm 2.5 \text{ degree@ } 5 \text{ GHz}$

5	LABEL HEAT SHRINK TUBE	HST-W-D4-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm
3	CABLE	ROSNOL MP320A Cable	1500	mm
2	SMA SOLDER CLAMP PLUG	A1K50-0320A/9XX	1	EA
1	PRECISION N SOLDER CLAMP PLUG	PCN1K50-0320A/944	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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

ROSNOL

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

TITLE
PRECISION N Plug (Male) to SMA Plug (Male)
1.5 Meter Cable Assembly for MP320A Cable

DRAWING NO.
PCN1K50-MP320A-PM-A1K50-1500A/18G