

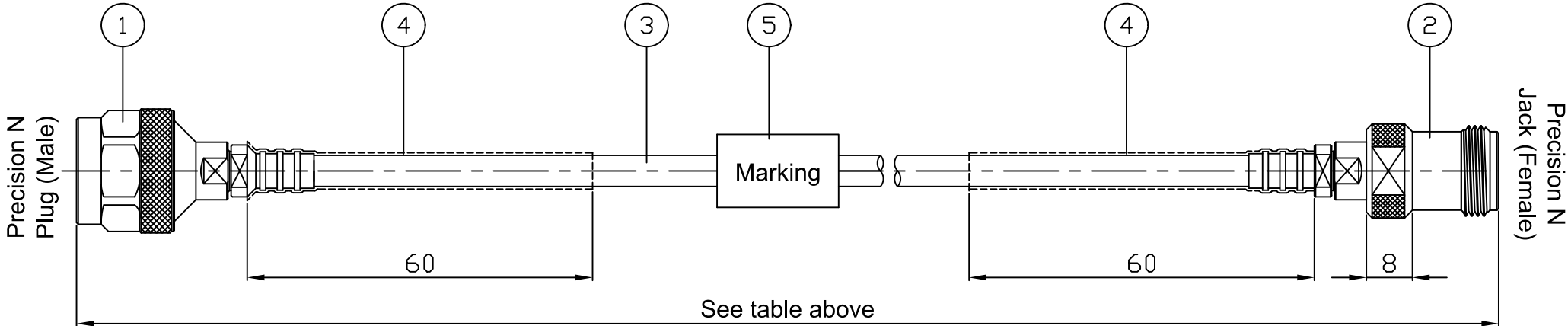
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCN1K50-MP533A-PCN2K50-2000A/18G		20000
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	APR/25/2025	



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-PCN2K50-20000A/18G
WWYY-SERIAL NUMBER
- 4) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300$

5	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 60	mm
3	CABLE	ROSNOL MP533A Cable	20000	mm
2	Precision N SOLDER CLAMP JACK	PCN2K50-0533A/94	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]

TOLERANCES

DECIMALS
.X ± 6.35 [.250"]
.XX ± 3.18 [.125"]
.XXX ± 1.52 [.060"]
DEGREES
X° $\pm 1^\circ$

CUSTOMER

REV

-

UNIT

mm [inch]

APPROVED

DATE

DRAWN

DATE

ROSNOL

RF/Microwave Technology
www.rosnol.com
info@rosnol.com
N-CAGE Code: SFFKK0



TITLE

Precision N Plug (Male) to Precision N Jack (Female)
20 Meter Cable Assembly for MP533A Cable

DRAWING NO.

PCN1K50-MP533A-PCN2K50-20000A/18G