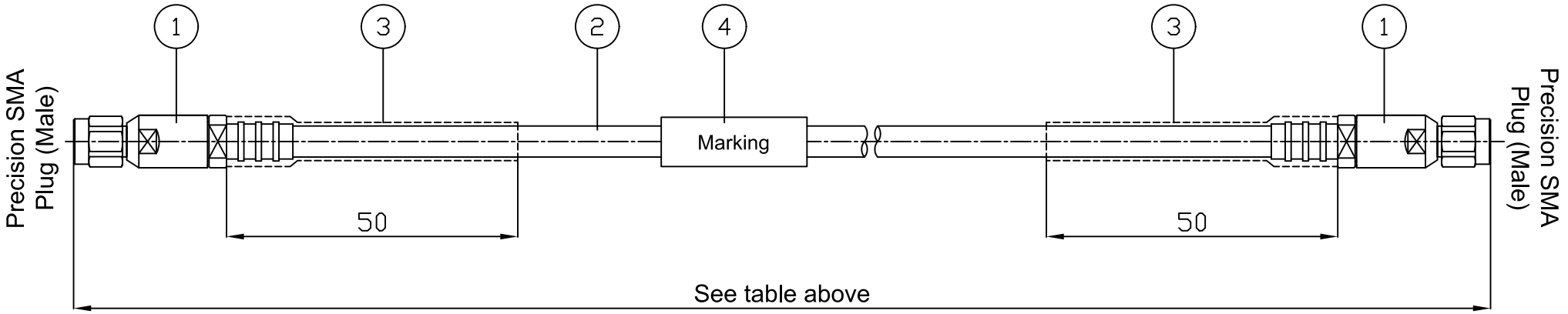
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
–	INITIAL RELEASE	OCT/24/2024	

Rosnol P/N		Length (mm)
PCA1K50-MP533A-PCA1K50-500/26.5G		500
PCA1K50-MP533A-PCA1K50-1000/26.5G		1000
Frequency	**VSWR Max.**	**Insertion Loss Max.**
26.5 GHz	1.25	≤ 0.00147 (dB/mm) * L (mm) + 0.1*√f (dB)



NOTES:
1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
   ROSNOL DC- 26.5 GHz
   PCA1K50-MP533A-PCA1K50-XXX/26.5G
   WW/YY SERIAL NUMBER
3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : ±3 mm FOR L<=300mm ; ±1% FOR L >300mm

CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

NO.	DESCRIPTION	PARTS NO.	QTY.	U/M
4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm
2	CABLE	ROSNOL MP533A Cable	See table above	mm
1	PRECISION SMA SOLDER CLAMP PLUG	PCA1K50-MP533A/9XX	2	EA

DIMENSION ARE IN MM [INCH]

TOLERANCES

DECIMALS
.X ± 6.35 [.250"]
.XX ± 3.18 [.125"]
.XXX ± 1.52 [.060"]
DEGREES
X° ± 1°

CUSTOMER | REV: – | UNIT: mm [inch]

APPROVED | DATE

DRAWN | DATE

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

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

DRAWING NO.
PCA1K50-MP533A-PCA1K50-XXX/26.5G