

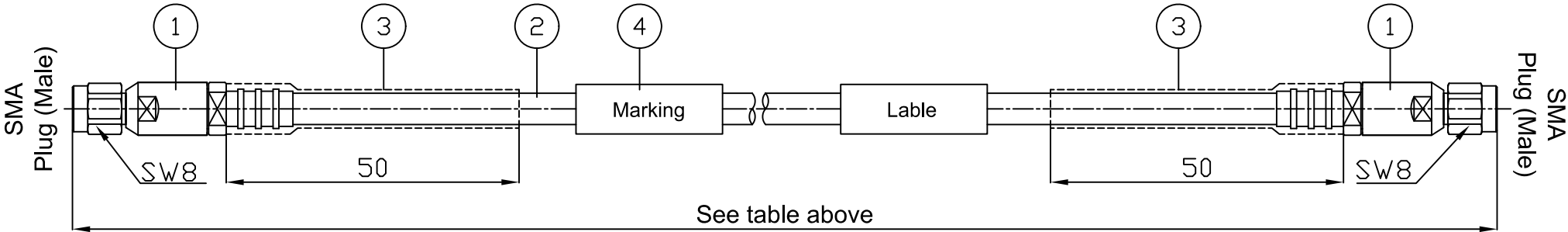
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1K50-MP533A-PM-A1K50-2000A /10.4G		2000
Frequency	VSWR Max.	Insertion Loss Max.
10.4 GHz	1.25	$\leq 0.00094 \text{ (dB/mm)} * L \text{ (mm)} + 0.1$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	NOV/8/2024	



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 10.4 GHz
A1K50-MP533A-PM-A1K50-2000A/10.4G
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$
- Phase Matching: $\pm 3 \text{ degree@ } 10.4 \text{ GHz}$
- Workmanship: IPC Class 3
- Min. bending radius: 9.65 mm
- Lable Details (1 set: 20 cables):

CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

cable NS2_TC_R01
cable NS2_TC_R02
cable NS2_TC_R03
cable NS2_TC_R04
cable NS2_TC_R05
cable NS2_TC_R06

cable NS2_TC_R07
cable NS2_TC_R08
cable NS2_TC_R09
cable NS2_TC_R10
cable NS2_TC_R11
cable NS2_TC_R12

cable NS2_TC_R13
cable NS2_TC_R14
cable NS2_TC_R15
cable NS2_TC_R16
cable NS2_TC_R17
cable NS2_TC_R18

cable NS2_TC_R19
cable NS2_TC_R20

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	2000	mm
1	SMA SOLDER CLAMP PLUG	SMA1K50-MP533A/9XX	2	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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

ROSNOL

RF/Microwave Technology
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N-CAGE Code: SFKK0



TITLE

SMA Plug (Male) to SMA Plug (Male)
2 Meter Cable Assembly for MP533A Cable

DRAWING NO.

A1K50-MP533A-PM-A1K50-2000A/10.4G