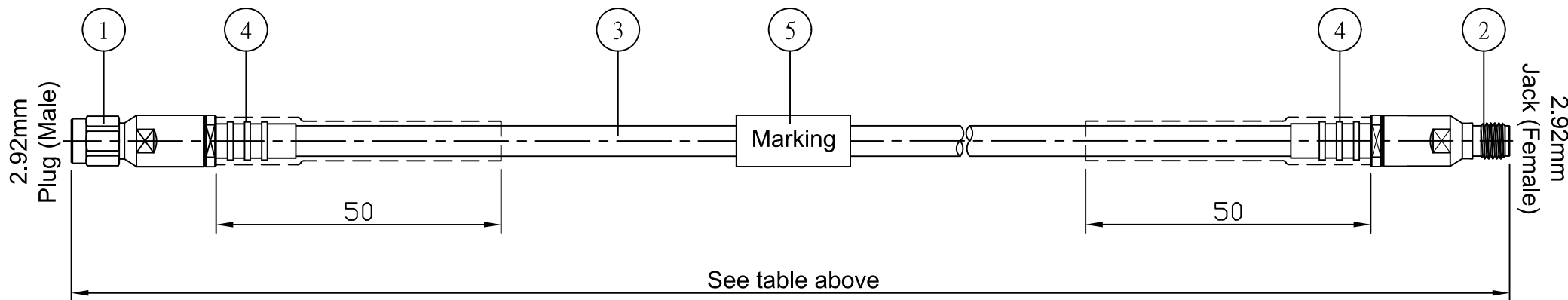


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	DEC/12/2025	

Rosnol P/N		Length (mm)
K1K50-MP533A-K2K50-300A /26.5G		300
K1K50-MP533A-K2K50-500A /26.5G		500
Frequency	VSWR Max.	Insertion Loss Max. (dB)
26.5 GHz	1.25	$\leq 0.00147 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$



See table above

CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
 ROSNOL DC- 26.5 GHz
 K1K50-MP533A-K2K50-XXX/26.5G
 WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

5	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm
3	CABLE	ROSNOL MP533A Cable	See table above	mm
2	2.92mm SOLDER CLAMP JACK	K2K50-MP533A/9X	1	EA
1	2.92mm SOLDER CLAMP PLUG	K1K50-MP533A/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]

TOLERANCES

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

CUSTOMER

REV

UNIT

mm [inch]

APPROVED

DATE

DRAWN

DATE

ROSNOL

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

TITLE

2.92mm Plug (Male) to 2.92mm Jack (Female)
 XXX Meter Cable Assembly for MP533A Cable

DRAWING NO.

K1K50-MP533A-K2K50-XXX/26.5G