

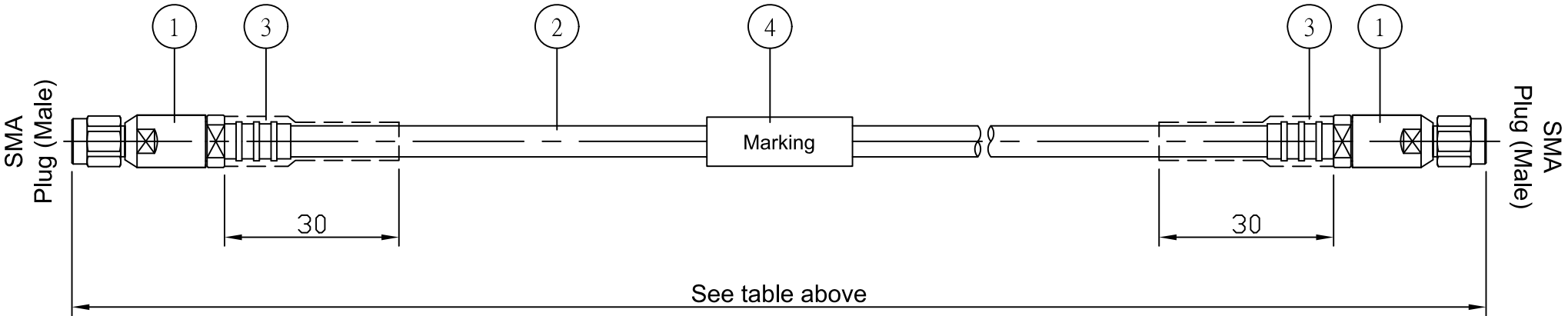
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1K50-MP533A-PM-A1K50-250A/ 8.5G		250
Frequency	VSWR Max.	Insertion Loss Max. (dB)
8.5 GHz	1.25	$\leq 0.000808 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUN/12/2025	



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 8.5 GHz
A1K50-MP533A-PM-A1K50-250A/8.5G
WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$
- Phase Matching: $\pm 5 \text{ degree@} 8.5 \text{ GHz}$
- Amplitude Matching : $\pm 0.05 \text{ dB}$

CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 30	mm	TOLERANCES DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"] DEGREES X° $\pm 1^\circ$	mm [inch]		
2	CABLE	ROSNOL MP533A Cable	250	mm		APPROVED DATE		
1	SMA SOLDER CLAMP PLUG	SMA1K50-MP533A/9XX	2	EA		DRAWN DATE		
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

ROSNOL



RF/Microwave Technology
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N-CAGE Code: SFFKK0

TITLE

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

DRAWING NO.

A1K50-MP533A-PM-A1K50-250A/8.5G