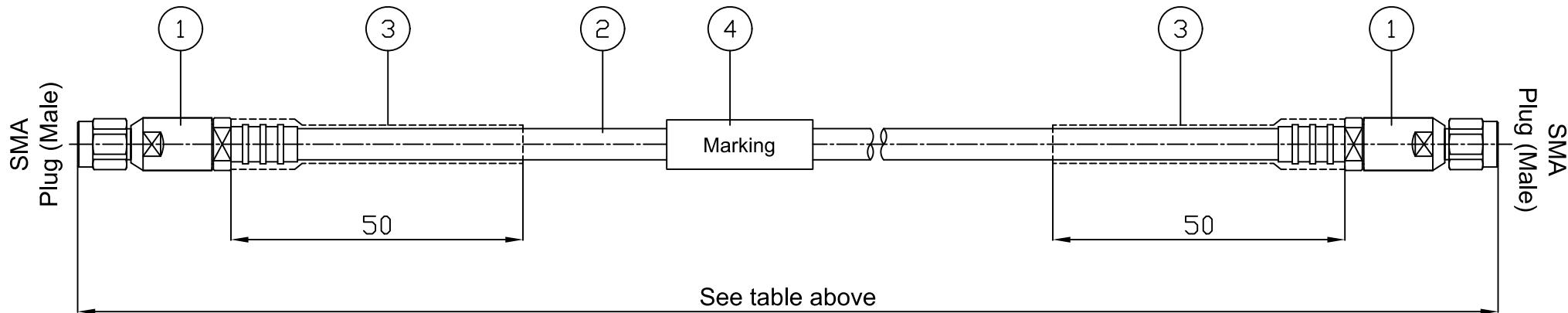


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N	Length (mm)	
A1K50-MP533A-A1K50-1000A/12G	1000	
Frequency	VSWR Max.	Insertion Loss Max.
12 GHz	1.25	$\leq 0.001044(\text{dB/mm}) * L (\text{mm}) + 0.15*\sqrt{f} (\text{dB})$

# SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	FEB/27/2025	



## NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 12 GHz  
A1K50-MP533A-A1K50-1000A/12G  
WW/YY SERIAL NUMBER
- 3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  $\pm 3$  mm FOR  $L \leq 300$ mm ;  $\pm 1\%$  FOR  $L > 300$ mm

## 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]  TOLERANCES  DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"]  DEGREES X° ± 1°	CUSTOMER	REV -	UNIT mm [inch]
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm				
2	CABLE	ROSNOL MP533A Cable	1000	mm				
1	SMA SOLDER CLAMP PLUG	SMA1K50-MP533A/9XX	2	EA				
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

**ROSNOL**   
RF/Microwave Technology  
www.rosnol.com  
info@rosnol.com

N-CAGE Code: SFKK0

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

DRAWING NO.  
A1K50-MP533A-A1K50-1000A/12G