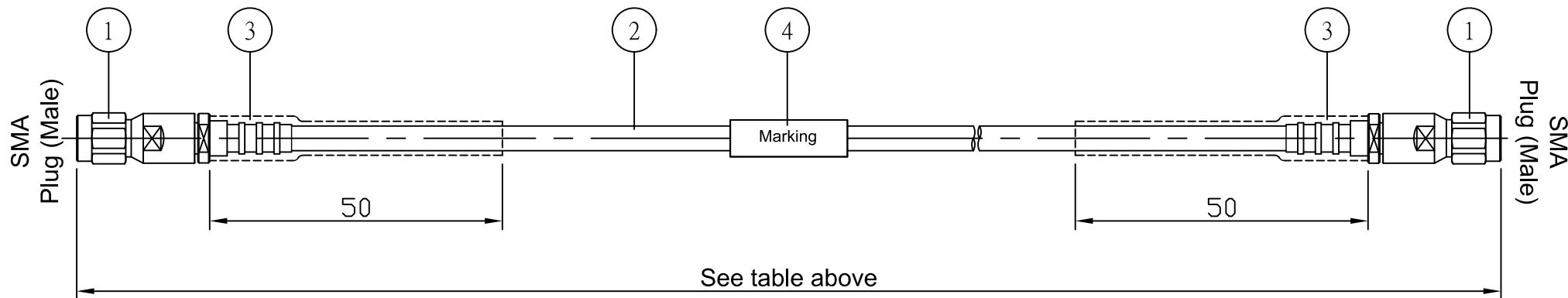


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SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	DEC/18/2025	

Rosnol P/N		Length (mm)
A1K50-MP420A-A1K50-4000A/18G		4000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.25	$\leq 0.00186 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
 ROSNOL DC-18 GHz
 A1K50-MP420A-A1K50-4000A/18G
 WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

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	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT	
4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA	TOLERANCES DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"] DEGREES X° $\pm 1^\circ$	-	-	mm [inch]	
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm		APPROVED	DATE		
2	CABLE	ROSNOL MP420A Cable	4000	mm		DRAWN	DATE		
1	SMA SOLDER CLAMP PLUG	SMA1K50-MP420A/9XX	2	EA					



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

TITLE
 SMA Plug (Male) to SMA Plug (Male)
 4 Meter Cable Assembly for MP420A Cable

DRAWING NO.
A1K50-MP420A-A1K50-4000A/18G