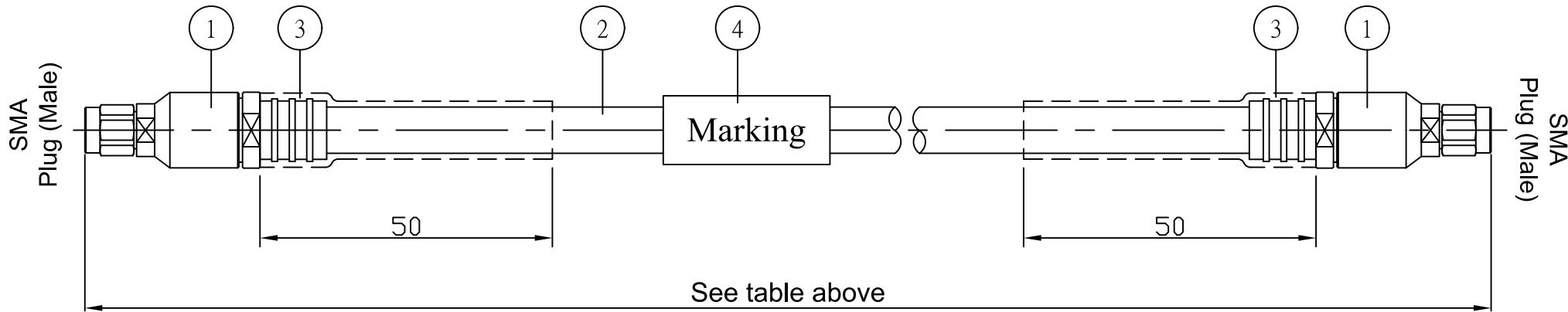


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Rosnol P/N	Length (mm)	
A1K50-MP790A A1K50-500A/18G	500	
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.25	$\leq 0.00068 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

## SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	AUG/20/2025	



### NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 18 GHz  
A1K50-MP790A A1K50-500A/18G  
WW/YY - SERIAL NUMBER
- 3) 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:		

4	LABEL HEAT SHRINK TUBE	HST-W-D12-125C	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  APPROVED  DRAWN	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D12.7-125C-G	2X 50	mm			-	mm [inch]
2	CABLE	ROSNOL MP790A Cable	500	mm				
1	SMA SOLDER CLAMP PLUG	SMA1K50-MP790A/9XX	2	EA				
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

**ROSNOL**   
RF/Microwave Technology  
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N-CAGE Code: SFKK0

TITLE  
SMA Plug (Male) to SMA Plug (Male)  
0.5 Meter Cable Assembly for MP790A Cable  
DRAWING NO.  
A1K50-MP790A A1K50-500A/18G