

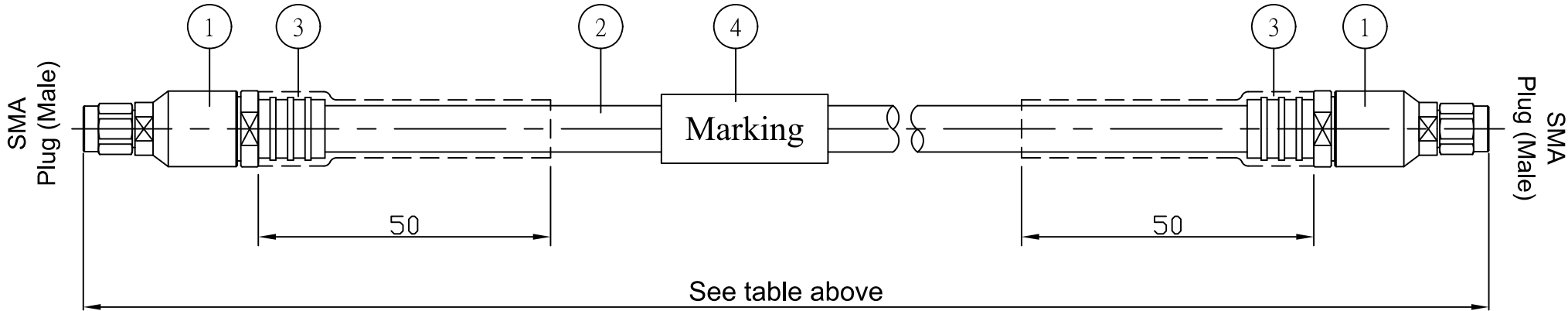
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1K50-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:
- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
 - MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
A1K50-MP790A A1K50-500A/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-D12-125C	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-D12.7-125C-G	2X 50	mm		APPROVED	DATE	
2	CABLE	ROSNOL MP790A Cable	500	mm		DRAWN	DATE	
1	SMA SOLDER CLAMP PLUG	SMA1K50-MP790A/9XX	2	EA				

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