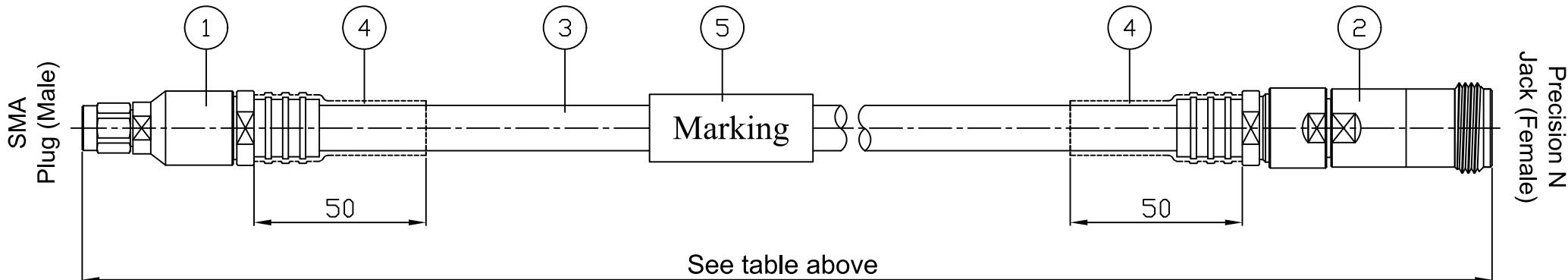


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Rosnol P/N	Length (mm)	
A1K50-MP790A-PCN2K50-1500A/18G	1500	
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.25	$\leq 0.00068 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f(\text{GHz})}$

## SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAR/21/2025	



NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 18 GHz  
A1K50-MP790A-PCN2K50-1500A/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  $L > 300 \text{ mm}$

5	LABEL HEAT SHRINK TUBE	HST-W-D12-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D12.7-125C-G	2X 50	mm
3	CABLE	Rosnol MP790A Cable	See table above	mm
2	Precision N Jack (Female)	PCN2K50-MP790A/9X	1	EA
1	SMA Plug (Male)	SMA1K50-MP790A/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]  
TOLERANCES  
DECIMALS  
.X  $\pm 6.35$  [.250"]  
.XX  $\pm 3.18$  [.125"]  
.XXX  $\pm 1.52$  [.060"]  
DEGREES  
 $X^\circ \pm 1^\circ$

CUSTOMER	REV	UNIT
APPROVED	-	mm [inch]
DRAWN	DATE	

### CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

**ROSNOL**

RF/Microwave Technology

[www.rosnol.com](http://www.rosnol.com)

info@rosnol.com

N-CAGE Code: SFKK0

TITLE  
SMA Plug (Male) to Precision N Jack (Female)  
1.5 Meter Cable Assembly for MP790A Cable

DRAWING NO.  
A1K50-MP790A-PCN2K50-1500A/18G