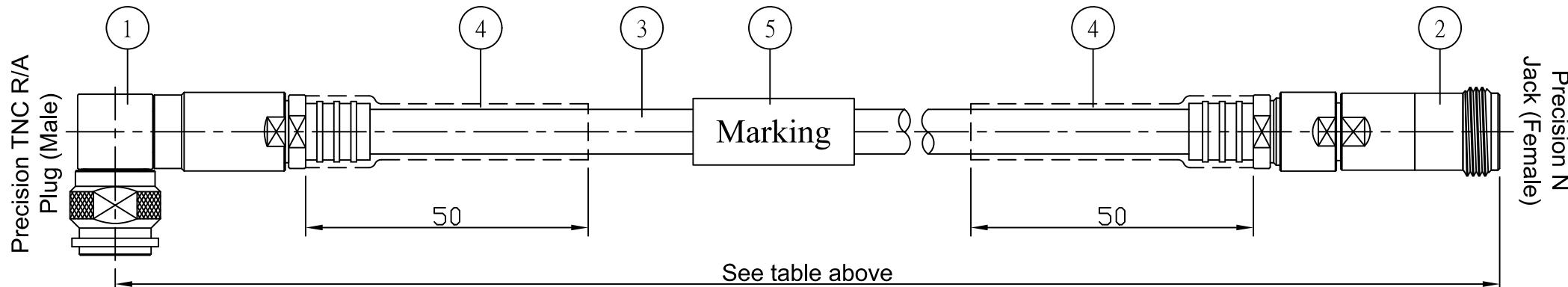


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Rosnol P/N	Length (mm)	
PCT1K59-MP790A-PCN2K50-3000CA/18G	3000	
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.25	$\leq 0.00068 \text{ (dB/mm)} * L \text{ (mm)} + 0.18 * \sqrt{f}$

## SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAY/28/2025	



### NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 18 GHz  
PCT1K59-MP790A-PCN2K50-3000CA/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:

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	3000	mm
2	Precision N Jack (Female)	PCN2K50-MP790A/9X	1	EA
1	Precision TNC R/A Plug (Male)	PCT1K59-MP790A/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT mm [inch]
TOLERANCES			
DECIMALS .X $\pm 6.35$ [.250"] .XX $\pm 3.18$ [.125"] .XXX $\pm 1.52$ [.060"]	DRAWN	DATE	
DEGREES $X^\circ \pm 1^\circ$			

**ROSNOL**   
RF/Microwave Technology  
[www.rosnol.com](http://www.rosnol.com)  
[info@rosnol.com](mailto:info@rosnol.com)

N-CAGE Code: SFKK0

TITLE  
Precision TNC Plug R/A (Male) to Precision N Jack (Female)  
3 Meter Cable Assembly for MP790A Cable

DRAWING NO.  
PCT1K59-MP790A-PCN2K50-3000CA/18G