

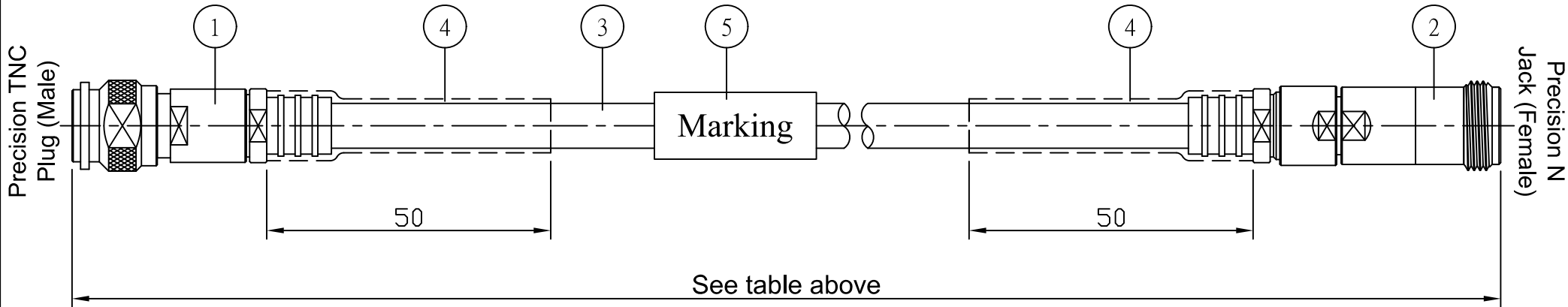
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCT1K50-MP790A-PCN2K50-2000A/18G		2000
PCT1K50-MP790A-PCN2K50-5000A/18G		5000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.35	$\leq 0.00068 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAY/29/2025	



CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
PCT1K50-MP790A-PCN2K50-XXX/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 $L > 300 \text{ mm}$

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	Precision TNC Plug (Male)	PCT1K50-MP790A/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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

ROSNOL



RF/Microwave Technology
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N-CAGE Code: SFKK0

TITLE
Precision TNC Plug (Male) to Precision N Jack (Female)
XXX Meter Cable Assembly for MP790A Cable

DRAWING NO.
PCT1K50-MP790A-PCN2K50-XXX/18G