

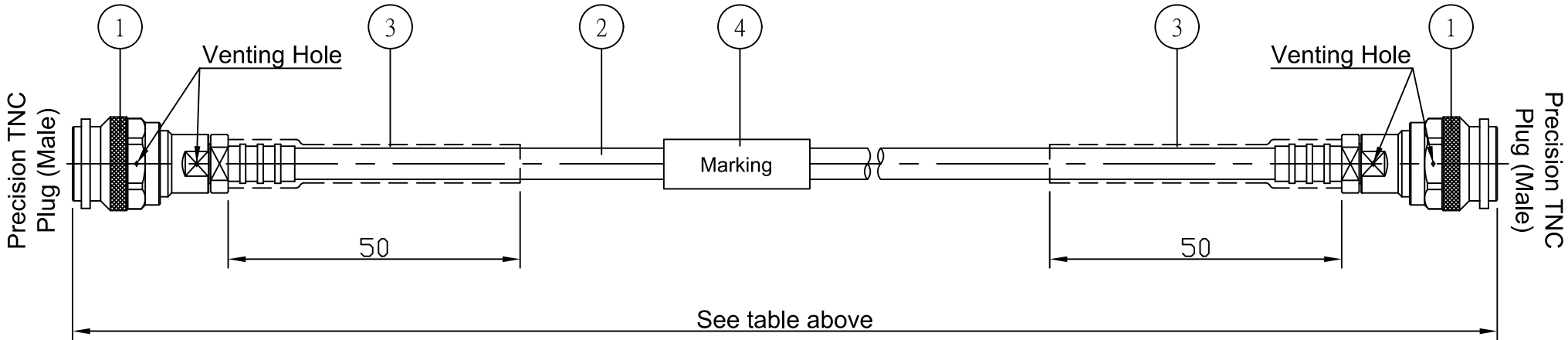
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCT1K50-TVAC533A-PCT1K50-3000A/18G		3000
PCT1K50-TVAC533A-PCT1K50-5000A/18G		5000
PCT1K50-TVAC533A-PCT1K50-6000A/18G		6000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.25	$\leq 0.00118 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUN/25/2025	



CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
PCT1K50-TVAC533A-PCT1K50-XXX/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 $L > 300 \text{ mm}$
- 4) Low outgassing: TML<1%, CVCM<0.1%
- 5) All with venting hole connectors
- 6) Power Handling: 190W @18GHz

4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	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	REV —	UNIT mm [inch]
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm		APPROVED DATE		
2	CABLE	ROSNOL TVAC533A Cable	See table above	mm		DRAWN DATE		
1	PRECISION TNC SOLDER CLAMP PLUG	PCT1K50-TVAC533A/9XX	2	EA				
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

ROSNOL 

RF/Microwave Technology
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N-CAGE Code: SFKK0

TITLE
Precision TNC Plug (Male) to Precision TNC Plug (Male)
XXX Meter Cable Assembly for TVAC533A Cable

DRAWING NO.
PCT1K50-TVAC533A-PCT1K50-XXX/18G