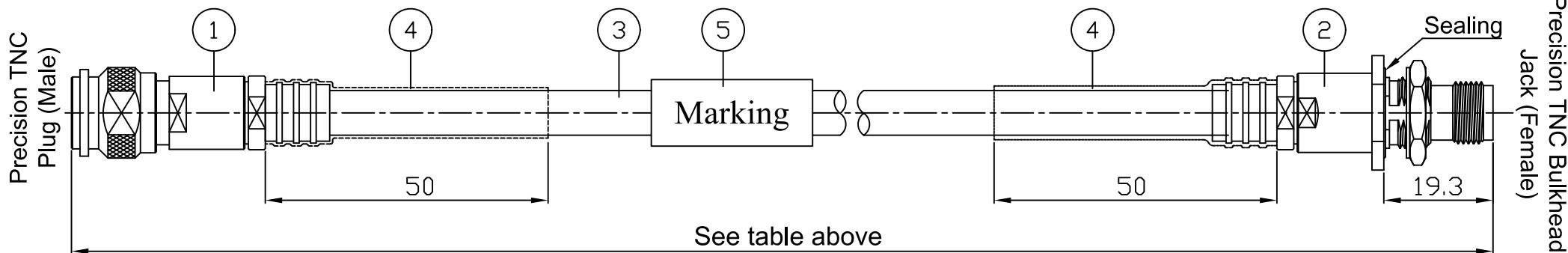


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Rosnol P/N	Length (mm)	
PCT1K50-MP790A-PCT2KA50-3000A/18G_W4	3000	
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.45	$\leq 0.00068 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 \text{ (dB)}$

# SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JAN/17/2025	



## NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 18 GHz  
PCT1K50-MP790A-PCT2KA50-3000A/18G\_W4  
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) HUMIDITY -  
In accordance with Para. 4.6.2.4 of MIL HDBK 5400
- SAND AND DUST -  
In accordance with Para. 4.6.2.7 of MIL HDBK 5400
- FUNGS -  
In accordance with Para. 4.6.2.8 of MIL HDBK 5400
- FLAMMABILITY -  
In accordance with MIL STD 202 Method 202

## EXPLOSIVE CONDITIONS -

In accordance with Para. 4.6.2.10 of MIL HDBK 5400

## SOLVENT RESISTANCE -

7 days at 20 Deg C JP 6 (jet fuel) and hydraulic fluid (MIL H 5606)

## SHOCK -

In accordance with Para. 4.6.2.6 of MIL HDBK 5400

## VIBRATION -

In accordance with Para. 4.6.2.5 of MIL HDBK 5400

## SALT ATMOSPHERE -

The item shall withstand, in both operation and nonoperation situations, exposure to salt sea atmosphere, according to Para. 4.6.2.9 of MIL HDBK 5400

## ALTITUDE -

The item shall be capable of continuous reliable operation at any altitude from Sea level to 70,000 feet

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 TNC Bulkhead Jack (Female)	PCT2KA50-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
TOLERANCES		APPROVED	DATE	mm [inch]
DECIMALS				
.X $\pm 6.35$ [.250"]				
.XX $\pm 3.18$ [.125"]				
.XXX $\pm 1.52$ [.060"]				
DEGREES				
X° $\pm 1^\circ$				

CUSTOMER'S APPROVAL			
Department or company's stamp			
Name:			
Date:			
Copy and send back to ROSNOL CORPORATION BEFORE:			
<b>ROSNOL</b>  RF/Microwave Technology <a href="http://www.rosnol.com">www.rosnol.com</a> info@rosnol.com N-CAGE Code: SFKK0			
TITLE Precision TNC Plug (Male) to Precision TNC Bulkhead Jack (Female) 3 Meter Cable Assembly for MP790A Cable DRAWING NO. PCT1K50-MP790A-PCT2KA50-3000A/18G_W4			