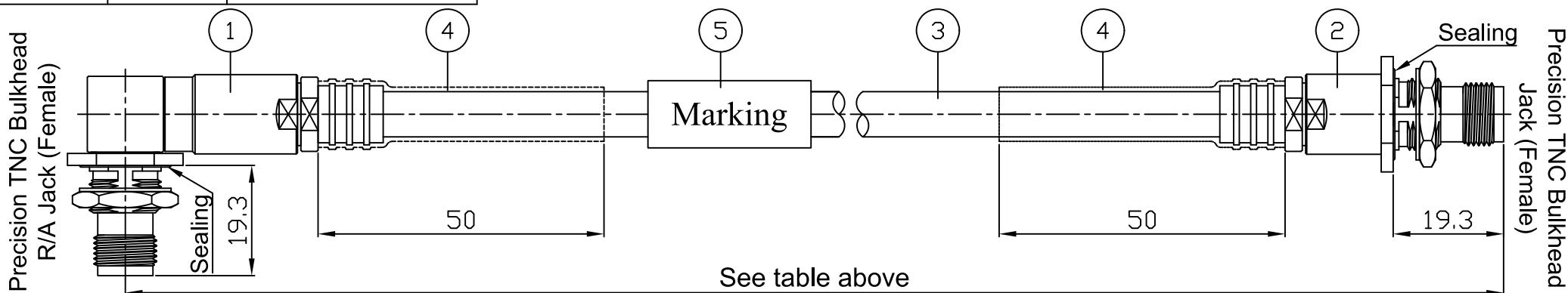


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SPECIFICATION CONTROL DRAWING

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

Rosnol P/N	Length (mm)	
PCT2KA59-MP790A-PCT2KA50-8000CA/18G_W2	8000	
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.55	$\leq 0.00068 \text{ (dB/mm)} * L \text{ (mm)} + 0.13 \text{ (dB)}$



NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
PCT2KA59-MP790A-PCT2KA50-8000CA/18G_W2
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
- FUNGUS -
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	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT mm [inch]
4	HEAT SHRINK TUBE	HST-B-D12.7-125C-G	2X 50	mm				
3	CABLE	Rosnol MP790A Cable	8000	mm	TOLERANCES	APPROVED	DATE	
2	Precision TNC Bulkhead Jack (Female)	PCT2KA50-MP790A/9X	1	EA				
1	Precision TNC Bulkhead R/A Jack (Female)	PCT2KA59-MP790A/9X	1	EA	DECIMALS $.X \pm 6.35 \text{ [.250"]}$ $.XX \pm 3.18 \text{ [.125"]}$ $.XXX \pm 1.52 \text{ [.060"]}$ DEGREES $X^\circ \pm 1^\circ$	DRAWN		TITLE Precision TNC Bulkhead R/A Jack (Female) to Precision TNC Bulkhead Jack (Female) 8 Meter Cable Assembly for MP790A Cable
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

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
info@rosnol.com
N-CAGE Code: SFKK0

TITLE
Precision TNC Bulkhead R/A Jack (Female) to
Precision TNC Bulkhead Jack (Female)
8 Meter Cable Assembly for MP790A Cable

DRAWING NO.
PCT2KA59-MP790A-PCT2KA50-8000CA/18G_W2