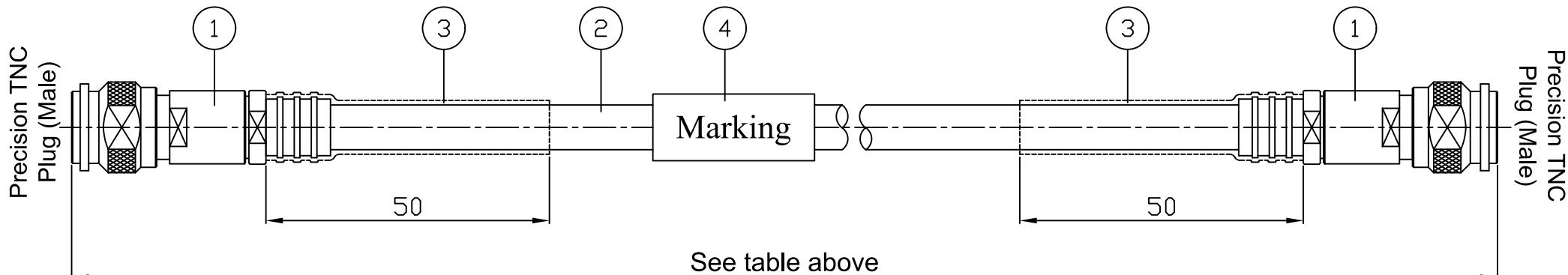


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Rosnol P/N	Length (mm)	
PCT1K50-MP790A-PCT1K50-500A /18G_W1	500	
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.45	$\leq 0.00068 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 \text{ (dB)}$

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-PCT1K50-500A/18G_W1
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

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 Plug (Male) to Precision TNC Plug (Male)
0.5 Meter Cable Assembly for MP790A Cable

DRAWING NO.

PCT1K50-MP790A-PCT1K50-500A/18G

4	LABEL HEAT SHRINK TUBE	HST-W-D12-125C	1	EA	DIMENSION ARE IN MM [INCH]		CUSTOMER	REV	UNIT
					TOLERANCES				
3	HEAT SHRINK TUBE	HST-B-D12.7-125C-G	2X 50	mm	DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"]		DRAWN	DATE	mm [inch]
2	CABLE	Rosnol MP790A Cable	500	mm	DEGREES $X^\circ \pm 1^\circ$				
1	Precision TNC Plug (Male)	PCT1K50-MP790A/9XX	2	EA					
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M					