

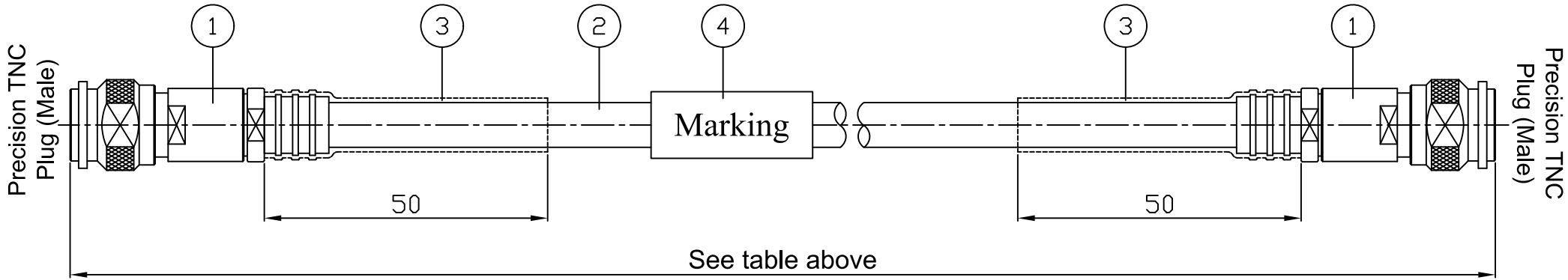
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Rosnol P/N		Length (mm)
PCT1K50-MP790A-PCT1K50-500A /18G_W1		500
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.45	$\leq 0.00068 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 \text{ (dB)}$

## SPECIFICATION CONTROL DRAWING

### REVISION

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



#### NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 18 GHz  
PCT1K50-MP790A-PCT1K50-500A/18G\_W1  
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  
 $\pm 3 \text{ mm}$  FOR  $L \leq 300 \text{ mm}$  ;  $\pm 1\%$  FOR  $L > 300 \text{ mm}$
- 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]  TOLERANCES  DECIMALS .X $\pm$ 6.35 [.250"] .XX $\pm$ 3.18 [.125"] .XXX $\pm$ 1.52 [.060"] DEGREES X° $\pm$ 1°	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D12.7-125C-G	2X 50	mm		APPROVED	DATE	mm [inch]
2	CABLE	Rosnol MP790A Cable	500	mm				
1	Precision TNC Plug (Male)	PCT1K50-MP790A/9XX	2	EA		DRAWN	DATE	
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				