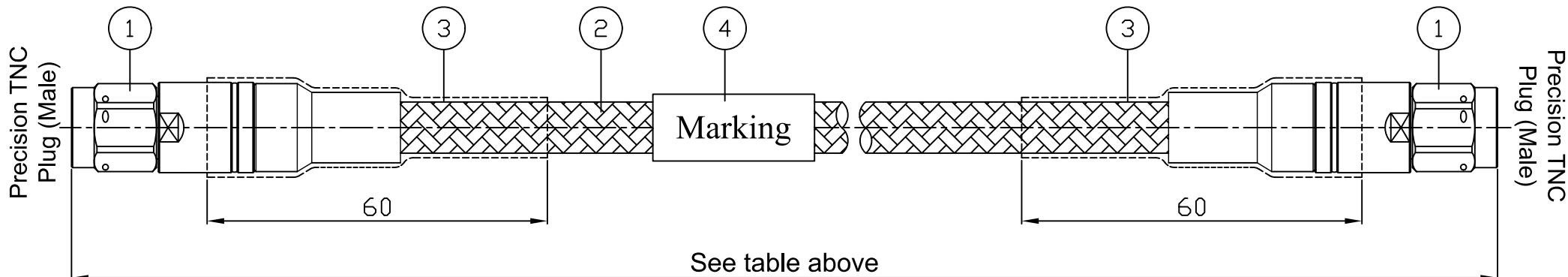


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Rosnol P/N	Length (mm)	
PCT1K50-MT902A-PCT1K50-500A /18G	500	
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.45	≤ 1.2 (dB)

SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JAN/20/2025	



See table above

NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC-18 GHz
PCT1K50-MT902A-PCT1K50-500A/18G_W1
WW/YY SERIAL NUMBER
- 3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
±3 mm FOR L<=300mm ; ±1% FOR L>300mm
- 4) TEMPERATURE -
54 to 200 Deg C for RF Cable according to para. 4.7.9 of MIL T 81490
- 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) Rosnol MT902A cable temperature range : -65°C to +200°C

4	LABEL HEAT SHRINK TUBE	HST-W-D12-125C	1	EA	DIMENSION ARE IN MM [INCH]		CUSTOMER	REV	UNIT mm [inch]	
					TOLERANCES					
3	HEAT SHRINK TUBE	HST-B-D16-125C-G	2X 60	mm	DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"]		APPROVED		DATE	
2	CABLE	Rosnol MT902A Cable	500	mm	DEGREES X° ± 1°		DRAWN		DATE	
1	Precision TNC Plug (Male)	PCT1K50-MT902B/9XX	2	EA						
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 Plug (Male) to Precision TNC Plug (Male)
0.5 Meter Cable Assembly for MT902A Cable

DRAWING NO.

PCT1K50-MT902A-PCT1K50-500A/18G