

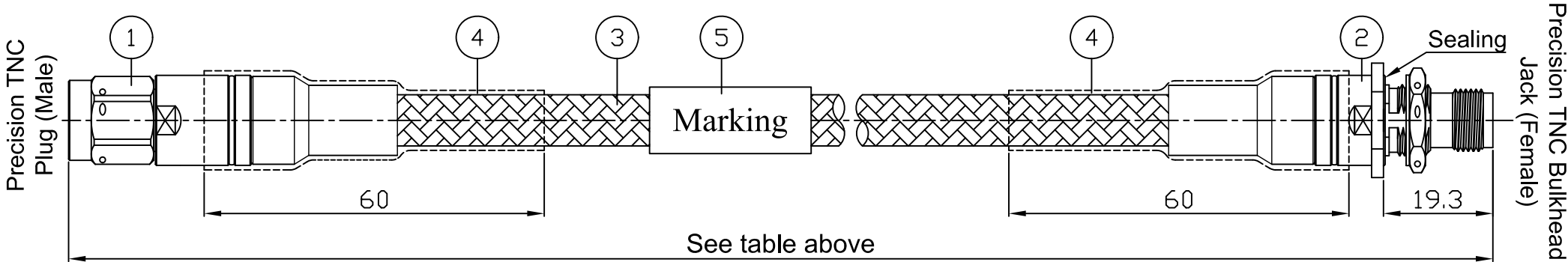
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCT1K50-MT902A-PCT2KA50-3000A/18G_W4		3000
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1,45	≤ 2.7 (dB)

SPECIFICATION CONTROL DRAWING

REVISION

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



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
 - MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
PCT1K50-MT902A-PCT2KA50-3000A/18G_W4
WW/YY SERIAL NUMBER
 - ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
±3 mm FOR L ≤ 300mm ; ±1% FOR L > 300mm
 - 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

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 Bulkhead Jack (Female)
3 Meter Cable Assembly for MT902A Cable

DRAWING NO.
PCT1K50-MT902A-PCT2KA50-3000A/18G

5	LABEL HEAT SHRINK TUBE	HST-W-D12-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D16-125C-G	2X 60	mm
3	CABLE	Rosnol MT902A Cable	3000	mm
2	Precision TNC Bulkhead Jack (Female)	PCT2KA50-MT902B/9X	1	EA
1	Precision TNC Plug (Male)	PCT1K50-MT902B/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]

CUSTOMER

REV

UNIT

mm [inch]

TOLERANCES

DECIMALS
.X ± 6.35 [.250"]
.XX ± 3.18 [.125"]
.XXX ± 1.52 [.060"]
DEGREES
X° ± 1°

APPROVED

DATE

DRAWN

DATE