

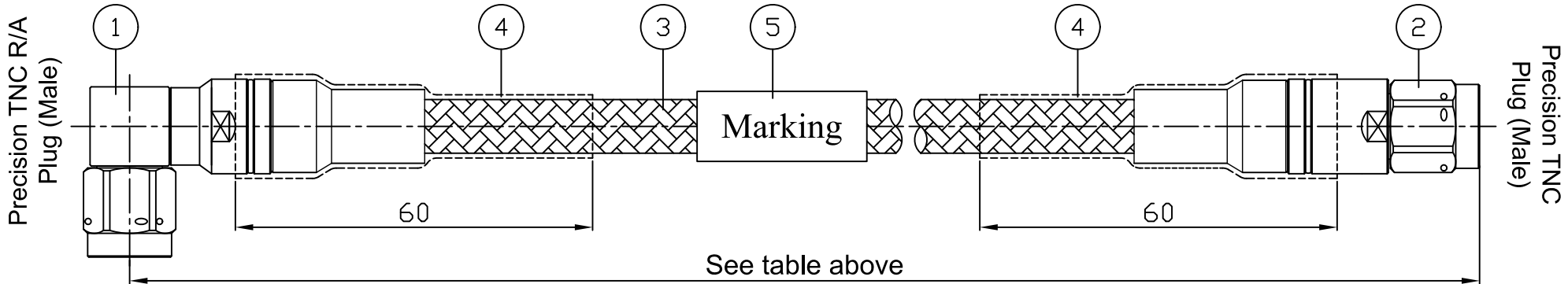
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCT1K59-MT902A-PCT1K50-1450 CA/18G		1450
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.5	≤ 1.7 (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
PCT1K59-MT902A-PCT1K50-1450CA/18G_W15
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 R/A Plug (Male) to Precision TNC Plug (Male)
1.45 Meter Cable Assembly for MT902A Cable

DRAWING NO.

PCT1K59-MT902A-PCT1K50-1450CA/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	1450	mm
2	Precision TNC Plug (Male)	PCT1K50-MT902B/9XX	1	EA
1	Precision TNC R/A Plug (Male)	PCT1K59-MT902A/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]		CUSTOMER	REV	UNIT	
TOLERANCES DECIMALS .X ± 6.35 [".250"] .XX ± 3.18 [".125"] .XXX ± 1.52 [".060"] DEGREES X° ± 1°			—	mm [inch]	
		APPROVED			DATE
		DRAWN	DATE		