

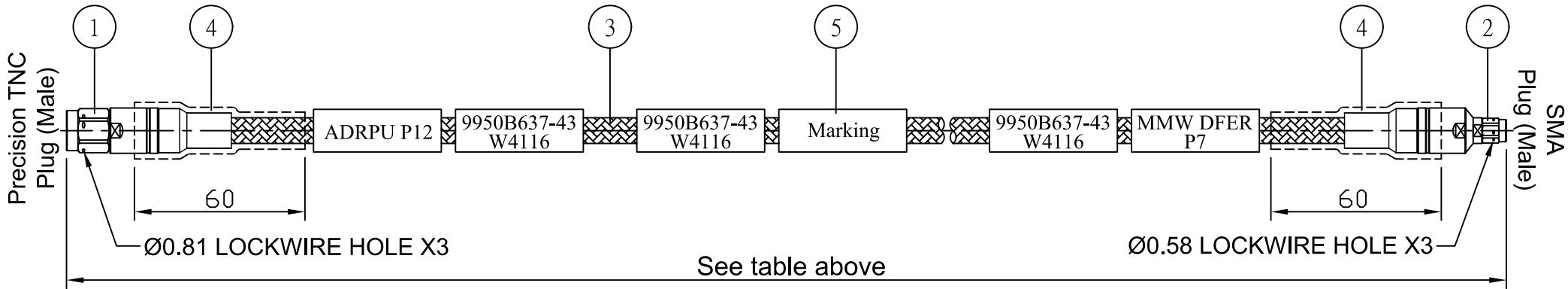
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
PCT1K50-MT902A-PM-A1K50-5500A/18G		5500
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.4	$\leq 1.0\text{dB @ } 1\text{GHz}$ $\leq 2.3\text{dB @ } 9\text{GHz}$ $\leq 4.1\text{dB @ } 14\text{GHz}$ $\leq 4.7\text{dB @ } 18\text{GHz}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUL/3/2025	



CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
PCT1K50-MT902A-PM-A1K50-5500A/18G_W4116
WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm FOR } L \leq 300\text{mm}$; $\pm 1\% \text{ FOR } L > 300\text{mm}$
- Phase Matching: $\pm 5 \text{ degree@ } 18 \text{ GHz}$

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	5500	mm
2	SMA SOLDER CLAMP PLUG	SMA1K50-MT902A/9XX	1	EA
1	PRECISION TNC SOLDER CLAMP PLUG	PCT1K50-MT902B/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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

ROSNOL 

RF/Microwave Technology
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info@rosnol.com
N-CAGE Code: SFKK0

TITLE
Precision TNC Plug (Male) to SMA Plug (Male)
5.5 Meter Cable Assembly for MT902A Cable

DRAWING NO.
PCT1K50-MT902A-PM-A1K50-5500A/18G