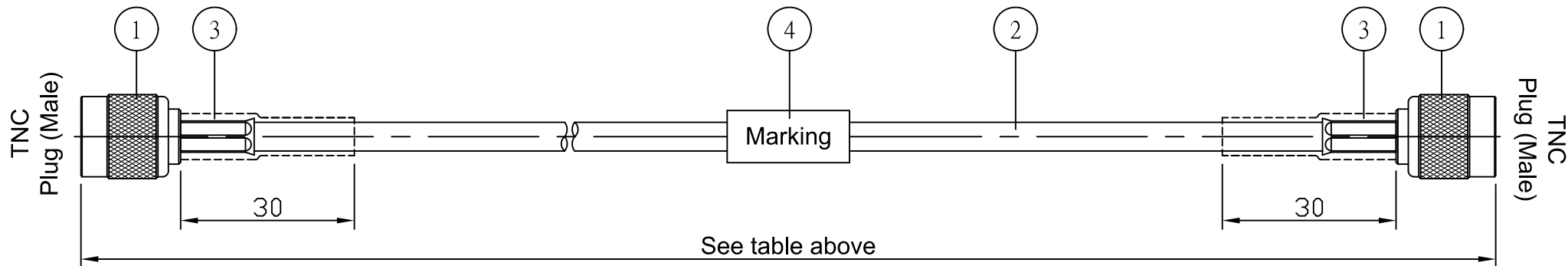


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# SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	DEC/09/2025	

Rosnol P/N		Length (mm)
T1C50-RG142-T1C50-500A/4G		500
T1C50-RG142-T1C50-1000A/4G		1000
T1C50-RG142-T1C50-3000A/4G		3000
T1C50-RG142-T1C50-5000A/4G		5000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
4 GHz	1.25	$\leq 0.000945 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$



## 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- 4 GHz  
 T1C50-RG142-T1C50-XXX/4G  
 WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  
 $\pm 3 \text{ mm}$  FOR  $L \leq 300 \text{ mm}$  ;  $\pm 1\%$  FOR  $L > 300 \text{ mm}$

NO.	DESCRIPTION	PARTS NO.	QTY.	U/M	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA	TOLERANCES DECIMALS .X $\pm 6.35$ [.250"] .XX $\pm 3.18$ [.125"] .XXX $\pm 1.52$ [.060"] DEGREES X° $\pm 1^\circ$	-	-	mm [inch]
3	HEAT SHRINK TUBE	HST-B-D8-125C	2X 30	mm		APPROVED	DATE	
2	CABLE	RG-142B/U Cable	See table above	mm		DRAWN	DATE	
1	TNC CRIMP PLUG	TNC1C50-G142A/144	2	EA				

**ROSNOL**

RF/Microwave Technology  
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 N-CAGE Code: SFKK0

TITLE  
 TNC Plug (Male) to TNC Plug (Male)  
 XXX Meter Cable Assembly for RG-142B/U Cable

DRAWING NO.  
**T1C50-RG142-T1C50-XXX/4G**