

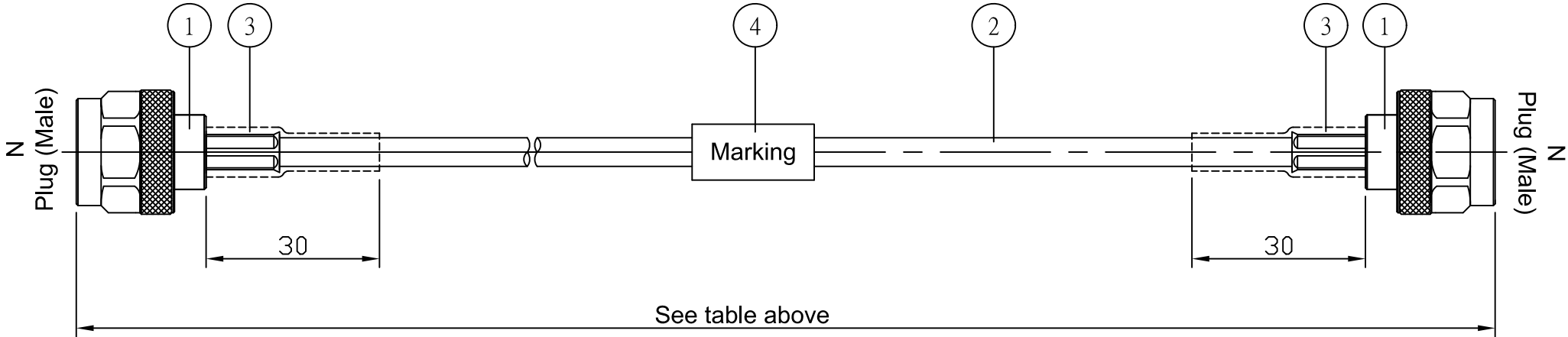
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
N1C50-RG142-N1C50-1000A/6G		1000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
6 GHz	1.25	$\leq 0.00118 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

## SPECIFICATION CONTROL DRAWING

### REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUN/23/2025	



- NOTES:
- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
  - MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 6 GHz  
N1C50-RG142-N1C50-1000A/6G  
WW/YY - SERIAL NUMBER
  - ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  
 $\pm 3 \text{ mm}$  FOR  $L \leq 300 \text{ mm}$  ;  $\pm 1\%$  FOR  $L > 300 \text{ mm}$

### CUSTOMER'S APPROVAL

Department or  
company's stamp

Name:

Date:

Copy and send back to  
ROSNOL CORPORATION BEFORE:

4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA	DIMENSION ARE IN MM [INCH]  TOLERANCES  DECIMALS .X $\pm 6.35$ [.250"] .XX $\pm 3.18$ [.125"] .XXX $\pm 1.52$ [.060"] DEGREES X° $\pm 1^\circ$	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D8-125C	2X 30	mm			-	mm [inch]
2	CABLE	RG-142B/U Cable	1000	mm		APPROVED	DATE	
1	N CRIMP PLUG	N1C50-G142A/133	2	EA		DRAWN	DATE	
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

**ROSNOL**

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



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

DRAWING NO.  
N1C50-RG142-N1C50-1000A/6G