

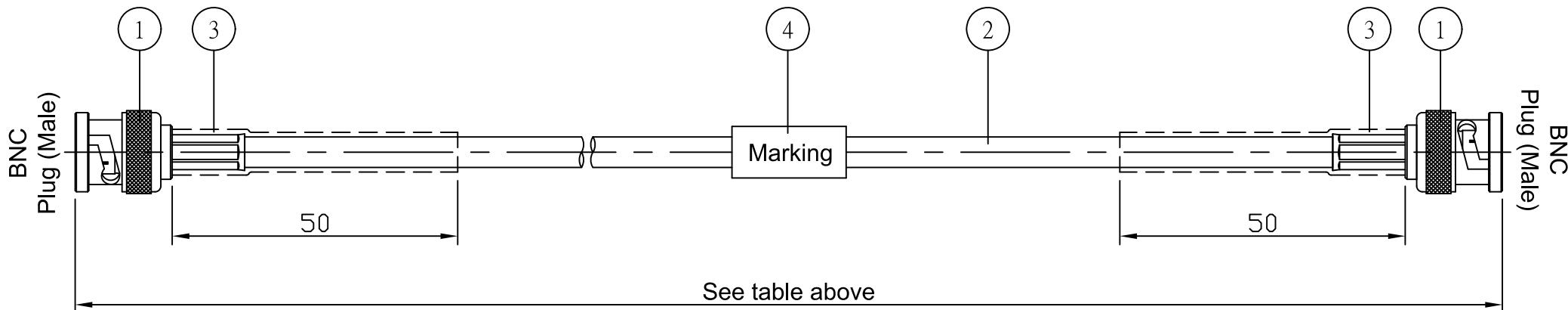
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

# SPECIFICATION CONTROL DRAWING

## REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUN/10/2025	

Rosnol P/N	Length (mm)	
B1C50-RG223-B1C50-609A/2.5G	609	
B1C50-RG223-B1C50-1000A/2.5G	1000	
B1C50-RG223-B1C50-15mA/2.5G	15000	
Frequency	VSWR Max.	Insertion Loss Max. (dB)
2.5 GHz	1.3	$\leq 0.00092 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$



## CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

## NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 2.5 GHz  
B1C50-RG223-B1C50-XXX/2.5G  
WW/YY - SERIAL NUMBER
- 3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  
 $\pm 3 \text{ mm}$  FOR  $L \leq 300 \text{ mm}$  ;  $\pm 1\%$  FOR  $L > 300 \text{ mm}$

4	LABEL HEAT SHRINK TUBE	HST-W-D9-125C	1	EA	DIMENSION ARE IN MM [INCH]  TOLERANCES  DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"]  DEGREES X° ± 1°	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D9-125C	2X 50	mm		APPROVED	DATE	mm [inch]
2	CABLE	ROSNOL RG-223/U Cable	See table above	mm		DRAWN	DATE	
1	BNC CRAMP PLUG	BNC1C50-G142A/144	2	EA				
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

**ROSNOL**   
RF/Microwave Technology  
www.rosnol.com  
info@rosnol.com

N-CAGE Code: SFKK0

TITLE  
BNC Plug (Male) to BNC Plug (Male)  
XXX Meter Cable Assembly for RG-223/U Cable  
DRAWING NO.  
B1C50-RG223-B1C50-XXX/2.5G