

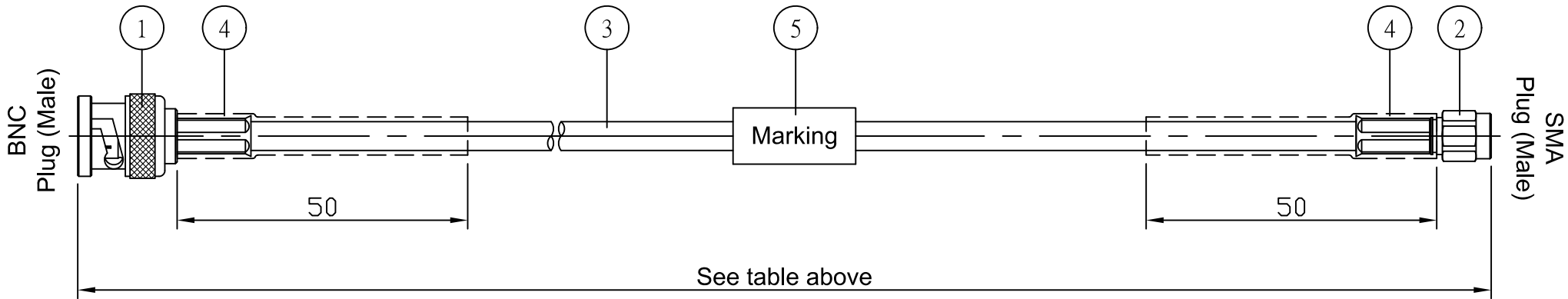
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
B1C50-RG400-A1C50-1000A/4G		1000
B1C50-RG400-A1C50-2000A/4G		2000
B1C50-RG400-A1C50-3000A/4G		3000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
4 GHz	1.3	$\leq 0.00122 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

## SPECIFICATION CONTROL DRAWING

### REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUN/09/2025	



### 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- 4 GHz  
B1C50-RG400-A1C50-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  $L > 300 \text{ mm}$

5	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D8-125C	2X 50	mm
3	CABLE	ROSNOL RG-400 Cable	See table above	mm
2	SMA CRIMP PLUG	SMA1C50-G142A/111	1	EA
1	BNC CRIMP PLUG	BNC1C50-G142A/133	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]		CUSTOMER	REV	UNIT
			-	mm [inch]
TOLERANCES		APPROVED		
DECIMALS		DATE		
.X $\pm 6.35$ [.250"]				
.XX $\pm 3.18$ [.125"]				
.XXX $\pm 1.52$ [.060"]				
DEGREES		DRAWN		
X° $\pm 1^\circ$		DATE		

**ROSNOL**

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N-CAGE Code: SFKK0

TITLE  
BNC Plug (Male) to SMA Plug (Male)  
XXX Meter Cable Assembly for RG-400 Cable

DRAWING NO.  
B1C50-RG400-A1C50-XXX/4G