

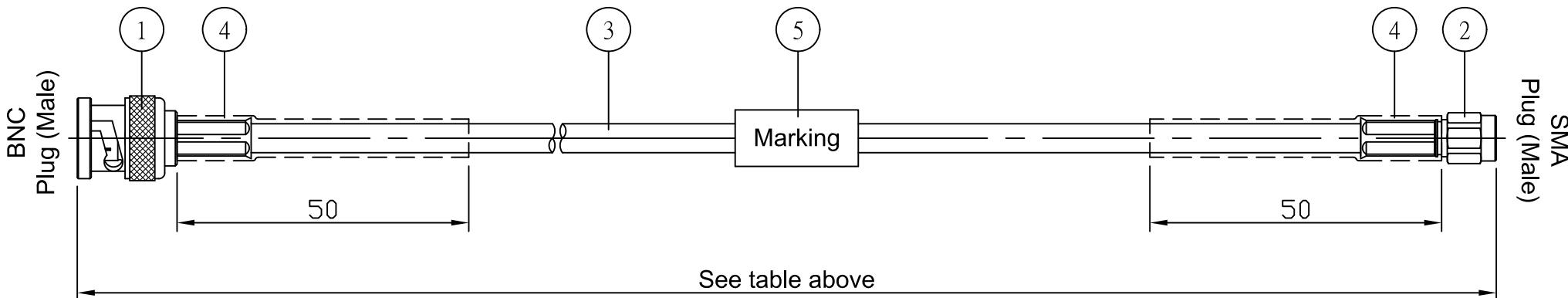
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SPECIFICATION CONTROL DRAWING

REVISION

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

| 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 | $\leq 0.00122 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$ |



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- 4 GHz
B1C50-RG400-A1C50-XXX/4G
WW/YY - SERIAL NUMBER
- 3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm FOR } L \leq 300\text{mm} ; \pm 1\% \text{ FOR } L > 300\text{mm}$

| | | | | |
|-----|------------------------|---------------------|-----------------|-----|
| 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 |
|----------------------------|--------------------|-----------|-----|------|
| TOLERANCES | | mm [inch] | | |
| DECIMALS | | APPROVED | | |
| .X ± 6.35 [.250"] | .XX ± 3.18 [.125"] | | | DATE |
| .XXX ± 1.52 [.060"] | | DRAWN | | DATE |
| DEGREES | | | | |
| X° ± 1° | | | | |

ROSNOL 
RF/Microwave Technology
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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