

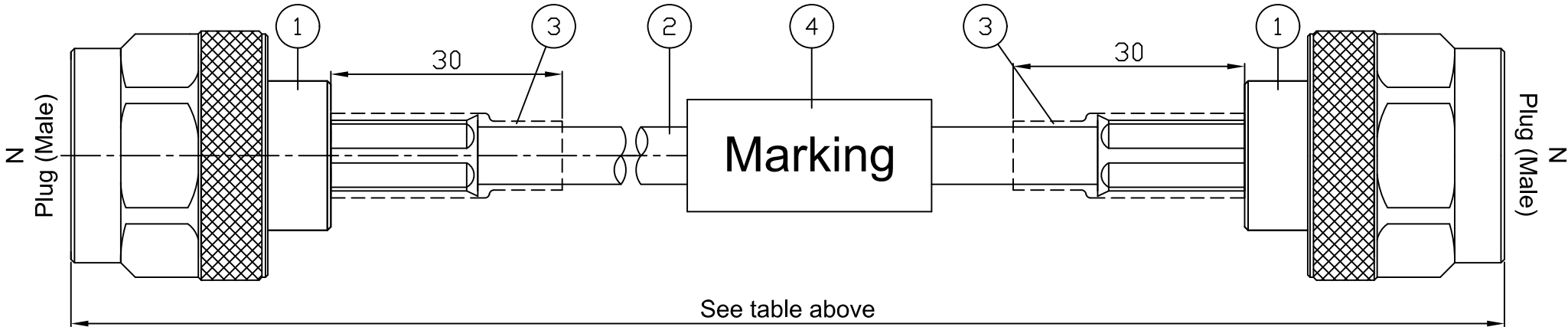
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N | | Length (mm) |
|----------------------------|-----------|--|
| N1C50-RG142-N1C50-1000A/8G | | 1000 |
| Frequency | VSWR Max. | Insertion Loss Max. |
| 8 GHz | 1,3 | $\leq 0.00145 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f \text{ (dB)}}$ |

SPECIFICATION CONTROL DRAWING

REVISION

| REV. | DESCRIPTION | DATE | APPROVED |
|------|-----------------|------------|----------|
| - | INITIAL RELEASE | JAN/9/2025 | |



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- 8 GHz
N1C50-RG142-N1C50-1000A/8G
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

| | | | | | | | | |
|-----|------------------------|-----------------|-------|-----|--|----------|------|-----------|
| 4 | LABEL HEAT SHRINK TUBE | HST-W-D6-125C | 1 | EA | <div>DIMENSION ARE IN MM [INCH]</div> <div>TOLERANCES</div> <div>DECIMALS</div> <div>.X ± 6.35 [.250"]</div> <div>.XX ± 3.18 [.125"]</div> <div>.XXX ± 1.52 [.060"]</div> <div>DEGREES</div> <div>X° $\pm 1^\circ$</div> | 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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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/8G