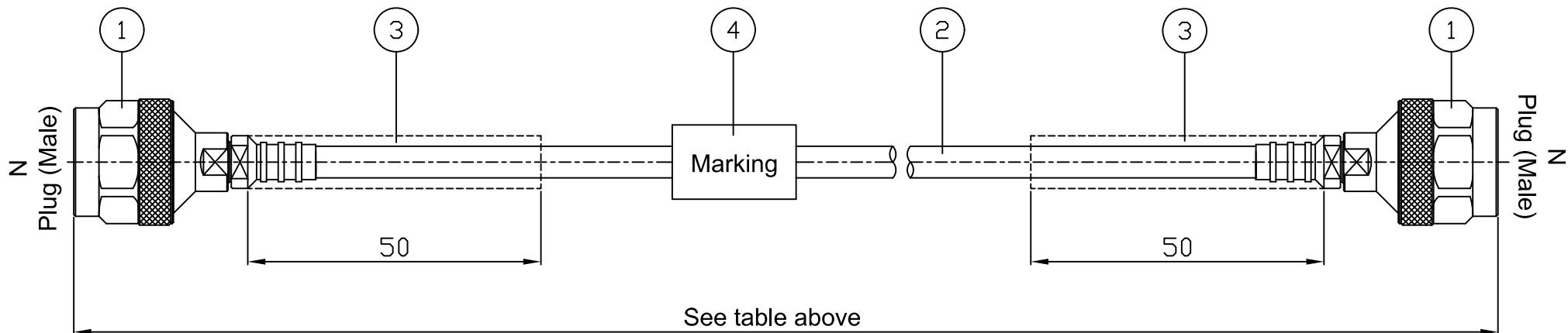


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N | Length (mm) | |
|-----------------------------|-------------|--------------------------------------------------------------------------------|
| N1K50-MP533A-N1K50-1000A/8G | 1000 | |
| Frequency | VSWR Max. | Insertion Loss Max. |
| 8 GHz | 1.25 | $\leq 0.000713 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 * \sqrt{f} \text{ (dB)}$ |

SPECIFICATION CONTROL DRAWING

| REVISION | | | |
|----------|-----------------|------------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| - | INITIAL RELEASE | NOV/4/2024 | |



NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:

ROSNOL DC- 8 GHz
N1K50-MP533A-N1K50-1000A/8G
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 $L > 300 \text{ mm}$

| | |
|-----------------------------------------------------|--|
| 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 ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"] DEGREES X° ± 1° | CUSTOMER APPROVED DRAWN | REV | UNIT |
| 3 | HEAT SHRINK TUBE | HST-B-D6.4-125C-G | 2X 50 | mm | | | - | mm [inch] |
| 2 | CABLE | ROSNOL MP533A Cable | 1000 | mm | | | | |
| 1 | N Solder Clamp Plug | N1K50-MP533A/9XX | 2 | EA | | | | |
| NO. | DESCRIPTION | PARTS NO. | QTY. | U/M | | | | |

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

N-CAGE Code: SFKK0

TITLE
N Plug (Male) to N Plug (Male)
1 mm Cable Assembly for MP533A Cable

DRAWING NO.
N1K50-MP533A-N1K50-1000A/8G