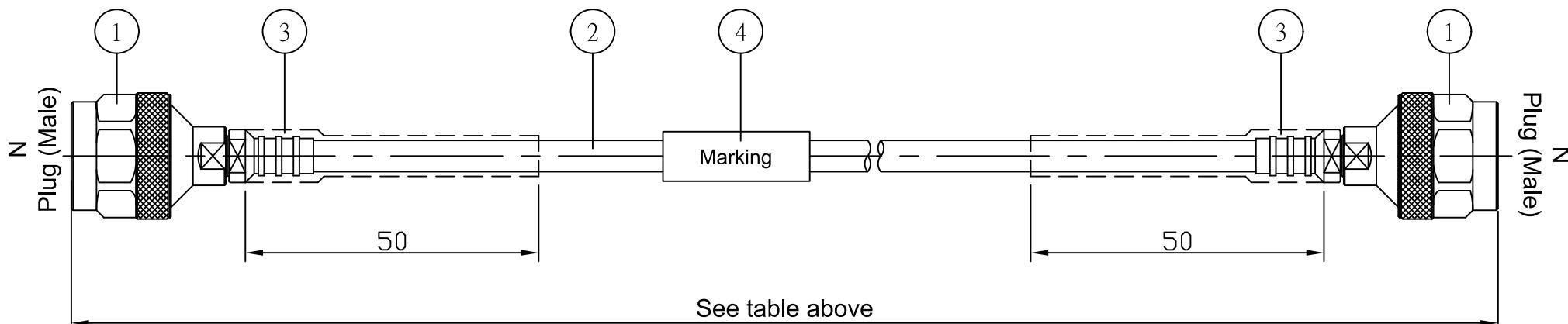


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| Rosnol P/N                  | Length (inches) |  |
|-----------------------------|-----------------|--|
| N1K50-MP533A-N1K50-36inA/9G | 36              |  |
| Frequency                   | VSWR Max.       | Insertion Loss Max. (dB)   |
| 9 GHz                       | 1.25            | $\leq 0.0299 \text{ (dB/in)} * L \text{ (in)} + 0.15 * \sqrt{f}$ |

# SPECIFICATION CONTROL DRAWING

| REVISION |                 |             |          |
|----------|-----------------|-------------|----------|
| REV.     | DESCRIPTION     | DATE        | APPROVED |
| -        | INITIAL RELEASE | MAY/13/2025 |          |



## NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 9 GHz  
N1K50-MP533A-N1K50-36inA/9G  
WW/YY SERIAL NUMBER
- 3) ALL DIMENSIONS ARE IN INCHES ; LENGTH TOLERANCES :  
 $\pm .12\text{in}$  FOR  $L \leq 12\text{in}$  ;  $\pm 1\%$  FOR  $L > 12\text{in}$

## 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-G   | 1     | EA  | DIMENSION ARE IN MM [INCH]<br><br>TOLERANCES<br><br>DECIMALS<br>.X ± 6.35 [.250"]<br>.XX ± 3.18 [.125"]<br>.XXX ± 1.52 [.060"]<br><br>DEGREES<br>X° ± 1° | CUSTOMER | REV  | UNIT      |
| 3   | HEAT SHRINK TUBE       | HST-B-D6.4-125C-G | 2x 50 | mm  |  | APPROVED | DATE | mm [inch] |
| 2   | CABLE                  | ROSNOL MP533A     | 36    | in  |  | DRAWN    | DATE |           |
| 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)  
36 in Cable Assembly for MP533A Cable

DRAWING NO.  
N1K50-MP533A-N1K50-36inA/9G