

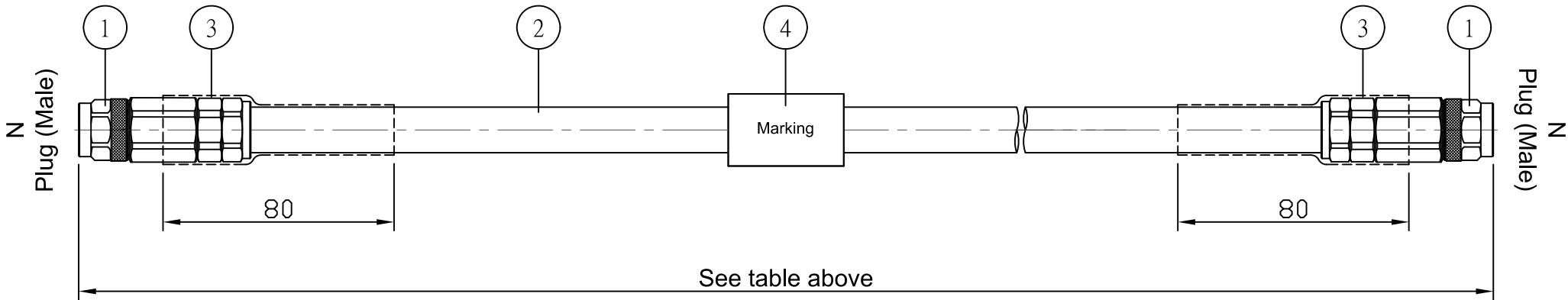
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

| Rosnol P/N                     |           | Length (mm)                                                        |
|--------------------------------|-----------|--------------------------------------------------------------------|
| N1D50-LCF12-50J-N1D50-20mA /3G |           | 20000                                                              |
| N1D50-LCF12-50J-N1D50-40mA /3G |           | 40000                                                              |
| N1D50-LCF12-50J-N1D50-60mA /3G |           | 60000                                                              |
| Frequency                      | VSWR Max. | Insertion Loss Max. (dB)                                           |
| 3 GHz                          | 1.25      | $\leq 0.000132 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$ |

## SPECIFICATION CONTROL DRAWING

### REVISION

| REV. | DESCRIPTION     | DATE        | APPROVED |
|------|-----------------|-------------|----------|
| -    | INITIAL RELEASE | JUL/07/2026 |          |



### 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- 3 GHz  
N1D50-LCF12-50J-N1D50-XXX/3G  
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-D25-125C      | 1               | EA  | DIMENSION ARE IN MM [INCH]<br><br>TOLERANCES<br><br>DECIMALS<br>.X $\pm 6.35$ [.250"]<br>.XX $\pm 3.18$ [.125"]<br>.XXX $\pm 1.52$ [.060"]<br>DEGREES<br>X° $\pm 1^\circ$ | CUSTOMER<br>-             | REV<br>- | UNIT<br>mm [inch] |
| 3   | HEAT SHRINK TUBE       | HST-B-D25.4-125C-G  | 2X 80           | mm  |                                                                                                                                                                           | APPROVED _____ DATE _____ |          |                   |
| 2   | CABLE                  | LCF12-50J Cable     | See table above | mm  |                                                                                                                                                                           | DRAWN _____ DATE _____    |          |                   |
| 1   | N CLAMP PLUG           | N1D50-LCF12-50J/944 | 1               | EA  |                                                                                                                                                                           |                           |          |                   |
| NO. | DESCRIPTION            | PARTS NO.           | QTY.            | U/M |                                                                                                                                                                           |                           |          |                   |

# ROSNOL



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N-CAGE Code: SFKK0

TITLE  
N Plug (Male) to N Plug (Male)  
XXX Meter Cable Assembly for LCF12-50J Cable

DRAWING NO.  
N1D50-LCF12-50J-N1D50-XXX/3G