

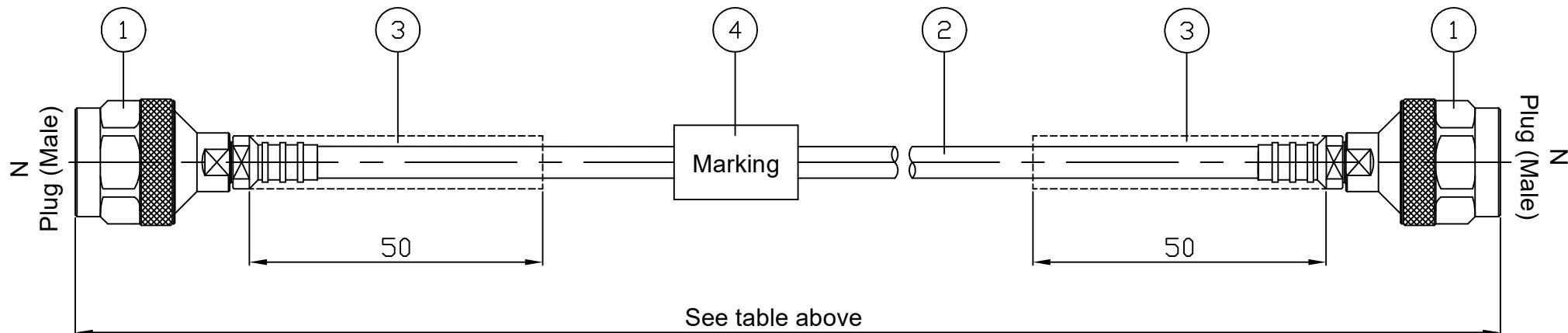
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# SPECIFICATION CONTROL DRAWING

## REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	OCT/11/2024	

Rosnol P/N	Length (FT)	
N1K50-MP533A-PM-N1K50-1ftA/ 2.5G	1	
N1K50-MP533A-PM-N1K50-2ftA/ 2.5G	2	
Frequency	VSWR Max.	Insertion Loss Max.
2.5 GHz	1.25	$\leq 0.122929 \text{ (dB/ft)} * L \text{ (ft)} + 0.1 * \sqrt{f} \text{ (dB)}$



### NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 2.5 GHz  
N1K50-MP533A-PM-N1K50-XXX/2.5G  
WW/YY SERIAL NUMBER
- 3) ALL DIMENSIONS ARE IN FT ; LENGTH TOLERANCES :  $\pm 0.01 \text{ ft}$  FOR  $L \leq 1 \text{ ft}$  ;  $\pm 1\%$  FOR  $L > 1 \text{ ft}$
- 4) Phase Matching:  $\pm 2 \text{ degree}$  @ 2.5GHz

### 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	REV -	UNIT mm [inch]
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm				
2	CABLE	ROSNOL MP533A Cable	XXX	ft				
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)  
XXX ft Cable Assembly for MP533A Cable

DRAWING NO.  
N1K50-MP533A-PM-N1K50-XXX/2.5G