

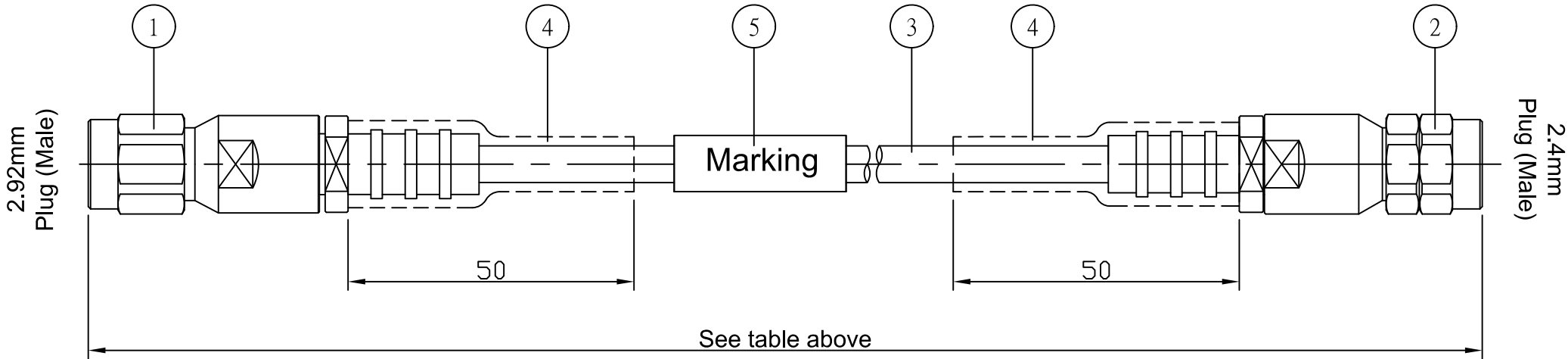
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
K1K50-MP320A-Q1K50-1000A/43.5G		1000
Frequency	VSWR Max.	Insertion Loss Max.
43.5 GHz	1.3	$\leq 0.003632 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f \text{ (dB)}}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	APR/29/2025	



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- 43.5 GHz
K1K50-MP320A-Q1K50-1000A/43.5G
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

5	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm
3	CABLE	ROSNOL MP320A Cable	1000	mm
2	2.4mm SOLDER CLAMP PLUG	Q1K50-0215A/9XX	1	EA
1	2.92mm SOLDER CLAMP PLUG	K1K50-0215A/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]		CUSTOMER	REV	UNIT	
TOLERANCES DECIMALS .X ± 6.35 [".250"] .XX ± 3.18 [".125"] .XXX ± 1.52 [".060"] DEGREES X° ± 1°			—	mm [inch]	
		APPROVED			DATE
		DRAWN			DATE

ROSNOL 

RF/Microwave Technology
www.rosnol.com
info@rosnol.com
N-CAGE Code: SFKK0

TITLE
2.92mm Plug (Male) to 2.4mm Plug (Male)
1 Meter Cable Assembly for MP320A Cable

DRAWING NO.
K1K50-MP320A-Q1K50-1000A/43.5G