

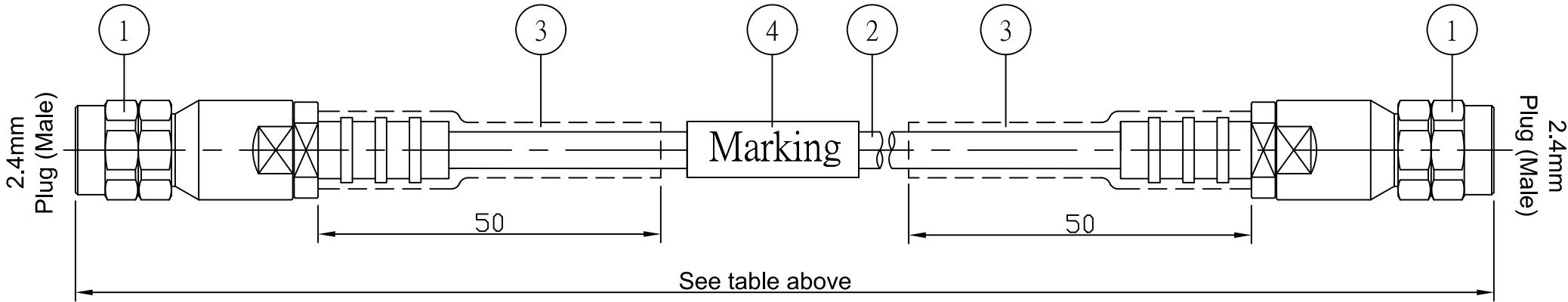
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
Q1K50-MP320A-Q1K50-1000A/50G		1000
Q1K50-MP320A-Q1K50-3000A/50G		3000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
50 GHz	1.25	$\leq 0.0039 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAY/23/2025	



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- 50 GHz
Q1K50-MP320A-Q1K50-XXX/50G
WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

ROSNOL



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N-CAGE Code: SFKK0

TITLE

2.4mm Plug (Male) to 2.4mm Plug (Male)
XXX Meter Cable Assembly for MP320A Cable

DRAWING NO.

Q1K50-MP320A-Q1K50-XXX/50G

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° $\pm 1^\circ$	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm		APPROVED	DATE	mm [inch]
2	CABLE	ROSNOL MP320A Cable	See table above	mm				
1	2.4mm SOLDER CLAMP PLUG	Q1K50-0215A/9XX	2	EA		DRAWN	DATE	
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				