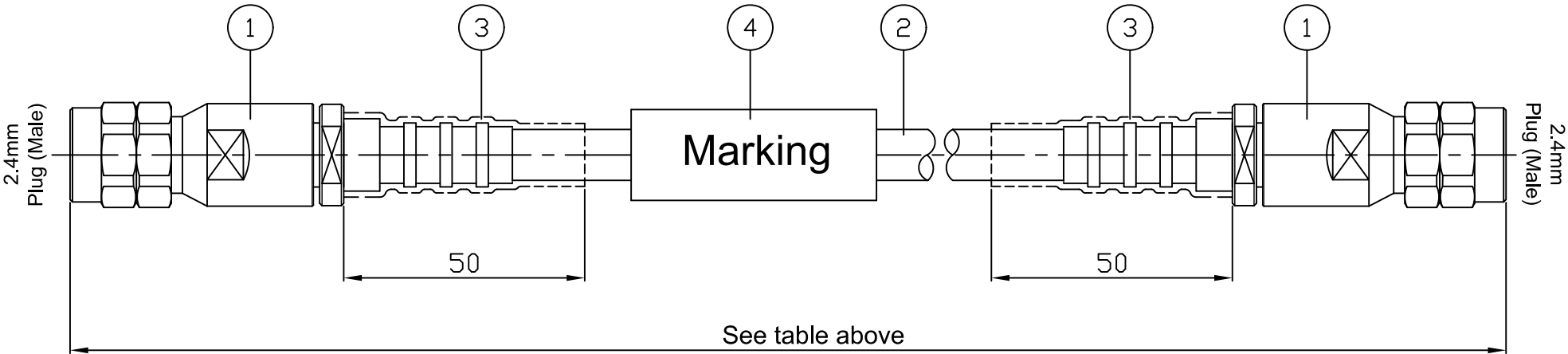


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.		
Rosnol P/N	Length (mm)	
Q1K50-MPUL422A-Q1K50-500A/40G	500	
Q1K50-MPUL422A-Q1K50-1000A/40G	1000	
Frequency	VSWR Max.	Insertion Loss Max.
40 GHz	1.25	$\leq 0.00216 \text{ (dB/mm)} * L \text{ (mm)} + 0.4 \text{ (dB)}$

SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAR/11/2025	



- NOTES:
- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
 - MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
 ROSNOL DC- 40 GHz
 Q1K50-MPUL422A-Q1K50-XXX/40G
 WW/YY SERIAL NUMBER
 - ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

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
3	HEAT SHRINK TUBE	HST-B-D7.9-125C-G	2X 50	mm
2	CABLE	ROSNOL MPUL422A Cable	See table above	mm
1	2.4mm SOLDER CLAMP PLUG	Q1K50-MPUL422A/9XX	2	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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

ROSNOL

RF/Microwave Technology

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N-CAGE Code: SFKK0

TITLE

2.4mm Plug (Male) to 2.4mm Plug (Male)

XXX Meter Cable Assembly for MPUL422A Cable

DRAWING NO.

Q1K50-MPUL422A-Q1K50-XXX/40G

4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA
3	HEAT SHRINK TUBE	HST-B-D7.9-125C-G	2X 50	mm
2	CABLE	ROSNOL MPUL422A Cable	See table above	mm
1	2.4mm SOLDER CLAMP PLUG	Q1K50-MPUL422A/9XX	2	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M