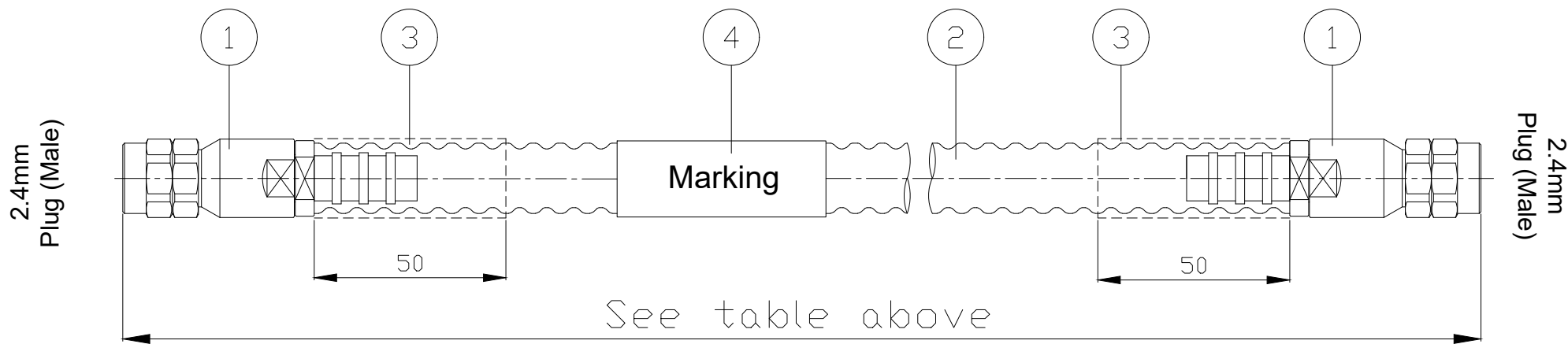


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.		
Rosnol P/N		Length (mm)
Q1K50-MP320A-AM-Q1K50-610 A/ 50G		610
Frequency	VSWR Max.	Insertion Loss Max.
50 GHz	1.3	≤ 0.0043 (dB/mm) * L (mm) + 0.1 (dB)

SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	FEB/7/2024	



Power Handling @ 50GHz
Impedance: 50 ohm
Cable diameter: 8.8mm
Bending Amplitude stability: ±0.2 dB
Bending Phase Stability: ± 9.5°
Minimum bending radius: 20mm
Shield effectiveness: >90
Operating Temperature range: -20°C~+70°C

- NOTES:
- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
 - 2) TEST AND MEASUREMENT 100%, DC-50 GHz VSWR X.XX, INSERTION LOSS: XXXX dB (SEE TABLE)
 - 3) TEST REPORT SUPPLIED WITH ASSEMBLY.
 - 4) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC-50 GHz
Q1K50-MP320A-AM-Q1K50-610A/50G
WWYY-SERIAL NUMBER

4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C-G	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
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm		APPROVED	DATE	mm [inch]
2	CABLE	ROSNOL MP320A Cable incl. Armor Jacket	610	mm		DRAWN		
1	2.4mm SOLDER CLAMP PLUG	Q1K50-0320A/9XX	2	EA				
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M		DATE		

ROSNOL
RF/Microwave Technology
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N-CAGE Code: SFKK0

TITLE

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

DRAWING NO.

Q1K50-MP320A-AM-Q1K50-610A/50G