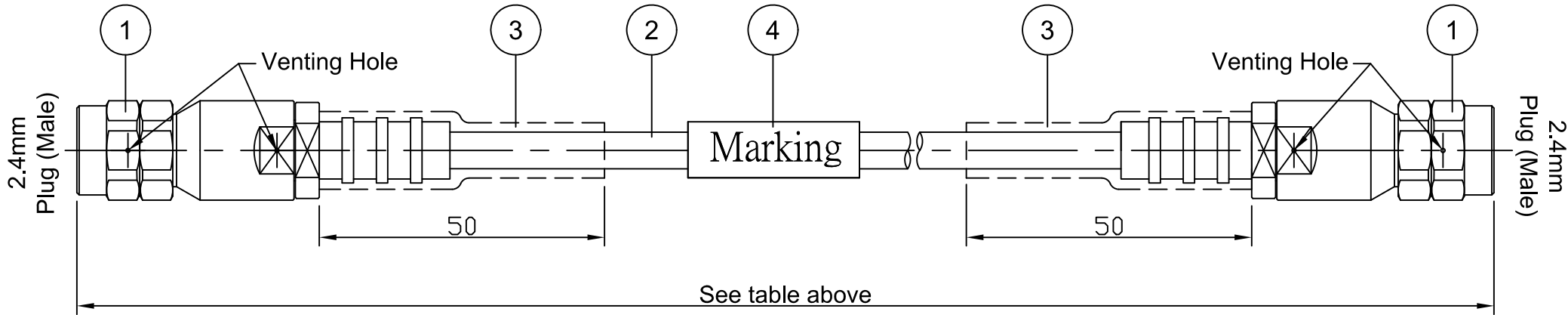


Rosnol P/N		Length (mm)
Q1K50-TVAC320A-Q1K50-1000A/50G		1000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
50 GHz	1.35	≤ 5

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	AUG/27/2025	



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 50 GHz
Q1K50-TVAC320A-Q1K50-1000A/50G
WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
±3 mm FOR L≤300mm ; ±1% FOR L >300mm
- Low outgassing: TML<1%, CVCM<0.1%

- All with venting hole connectors
- Minimum Bend radius: 40 mm
- Operating Temperature: -50°C to 100°C
- Operating Environment:
Compatible to Thermo-Vacuum Environment.
Vacuum Level <10E-5 Torr
- Bending Amplitude Stability: ≤ ± 0.1 dB @ 50 GHz
- Bending Phase Stability: ≤ ± 5° @ 50 GHz
- Shield effectiveness: > 90 dB @18GHz

CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

ROSNOL 
RF/Microwave Technology

www.rosnol.com

info@rosnol.com

N-CAGE Code: SFKK0

TITLE

2.4mm Plug (Male) to 2.4mm Plug (Male)
1 Meter Cable Assembly for TVAC320A Cable

DRAWING NO.

Q1K50-TVAC320A-Q1K50-1000A/50G

4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm	TOLERANCES DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"] DEGREES X° ± 1°	APPROVED	DATE	mm [inch]
2	CABLE	ROSNOL TVAC320A Cable	1000	mm				
1	2.4mm SOLDER CLAMP PLUG	Q1K50-0215A/9XX	2	EA		DRAWN	DATE	
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				