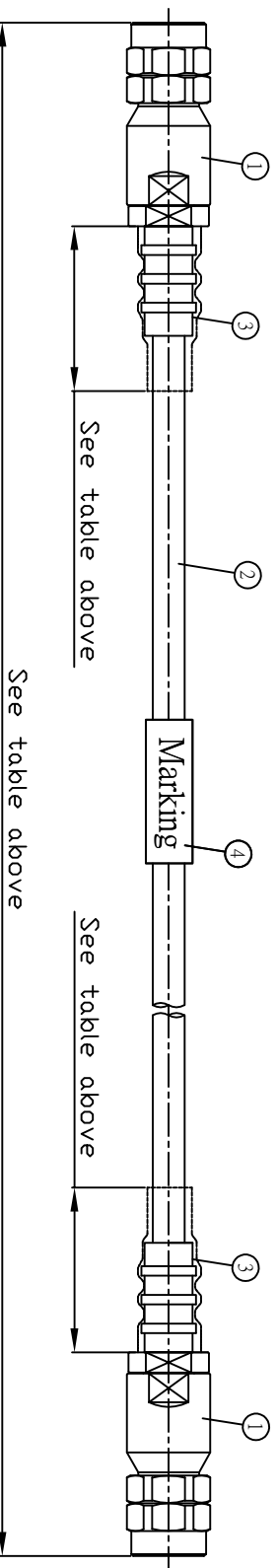


ROSNOL PN	LENGTH (mm)	INSERTION LOSS	VSWR	HEAT SHRINK TUBE LENGTH (mm)
Q1K50-MP320A-Q1K50-2000	2000	≤ 8.20 dB	≤ 1.25	50
Q1K50-MP320A-Q1K50-1500	1500	≤ 6.25 dB	≤ 1.25	50
Q1K50-MP320A-Q1K50-1200	1200	≤ 5.08 dB	≤ 1.25	50
Q1K50-MP320A-Q1K50-1000	1000	≤ 4.30 dB	≤ 1.25	50
Q1K50-MP320A-Q1K50-600	600	≤ 2.74 dB	≤ 1.25	50
Q1K50-MP320A-Q1K50-300	300	≤ 1.57 dB	≤ 1.25	30

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	OCT/12/2020	



NOTES:

- All cable assemblies have been tested
- Electrical Data:
 - Frequency: DC to 50 GHz
 - II: See table above
 - VSWR: See table above
 - Phase Stability vs Bending*: $\pm 6^\circ$ typ/ $\pm 9.5^\circ$ max
 - Amplitude Stability vs Bending*: ± 0.1 dB typ/ ± 0.2 dB max
 - Operating Temperature Range: -55°C to $+120^\circ\text{C}$
 - Outer Diameter: 3.2mm
 - Min. Bend Radius: 5.08mm
 - Marking Details
ROSNOL YYYYY-WW
Q1K50-MP320A-Q1K50-XXXX
YYMMDD-Serial Number

* according to IEC60966-1, wrapped 360° around a mandrel of 57 mm (2.25 in) radius.

NO.	DESCRIPTION	PARTS NO.	QTY	U/M
4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C-G	1	EA
3	HEAT SHRINK TUBE	HST-B-D64-125C-G	See table above	mm
2	CABLE	ROSNOL MP320A Cable	See table above	mm
1	2.4mm SOLDER CLAMP PLUG	Q1K50-0320A/9XX	2	EA


DIMENSION ARE MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES (UNITS: MM)	
10~30 = ± 1.5	
30~200 = ± 10	
200~1000 = ± 25	
1000~ = ± 35	

CUSTOMER	REV	UNIT
Chin Fu Li	A	-

APPROVED	DATE
Chin Fu Li	

CHECKED	DATE
Amsden	

DRAWING	DATE
Amsden	



ROSNOL
RF/Microwave Technology
www.rosnol.com
info@rosnol.com
N-CAGE Code: SFFKK0

DESCRIPTION	CUSTOMER DRAWING NO.	Rosnol DRAWING NO.
CABLE ASSEMBLY 2.4mm PLUG TO 2.4mm PLUG		Q1K50-MP320A-Q1K50-XXXX/DMT