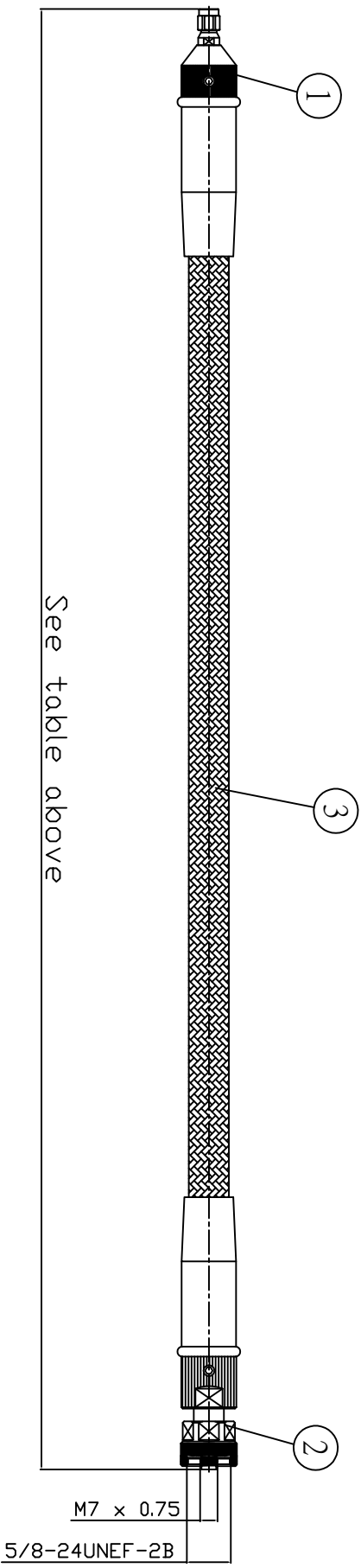


ROSNOL P/N	LENGTH	INSERTION LOSS	VSWR
K1K50-VNA40A-NMQ2K50-1500	1500 mm [59.1 in]	40 GHz: ≤ 4.36 dB	≤ 1.25
K1K50-VNA40A-NMQ2K50-1200	1200 mm [47.2 in]	40 GHz: ≤ 3.50 dB	≤ 1.25
K1K50-VNA40A-NMQ2K50-1000	1000 mm [39.4 in]	40 GHz: ≤ 2.93 dB	≤ 1.25
K1K50-VNA40A-NMQ2K50-600	600 mm [23.6 in]	40 GHz: ≤ 1.79 dB	≤ 1.25

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAY/27/2020	



NOTES:

1. All cable assemblies have been tested
2. Electrical Data:
 - 2-1. Frequency: DC to 40 GHz
 - 2-2. VSWR: See table above
 - 2-3. Π : See table above
 - 2-4. Phase Stability vs Bending: $\pm 6.0^\circ$ typ/ $\pm 10.5^\circ$ max
 - 2-5. Amplitude Stability vs Bending: ± 0.10 dB max/ ± 0.20 dB max
3. Shielding Effectiveness: ≥ 90 dB (up to 18 GHz 2)
4. Operating Temperature Range: -40°C to $+85^\circ\text{C}$
5. Min. Bend Radius: 63.5 mm

* according to IEC60966-1, wrapped 360° around a mandrel equal to the cable's min. bend radius

3	CABLE	VNA40A Cable	See table above	mm
2	RUGGEDIZED NMD 2.4mm JACK	NMQ2K50-VNA40A/9XX	1	EA
1	2.92mm PLUG	K1K50-VNA40A/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY	U/M

DIMENSION ARE MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES (UNIT: MM)	
10~30	± 1.5
30~200	± 1.0
200~1000	± 2.5
1000~	± 3.5

CUSTOMER	REV	UNIT
-	-	-

APPROVED	DATE
Chin Fu Li	

CHECKED	DATE
Amsden	

DRAWING	DATE
Amsden	



ROSNOL
RF/Microwave Technology
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N-CAGE Code: SFKK0

DESCRIPTION	VNA TEST CABLE ASSEMBLY 2.92mm PLUG TO RUGGEDIZED NMD 2.4mm JACK
CUSTOMER DRAWING NO.	Rosnol DRAWING NO. K1K50-VNA40A-NMQ2K50-9XX