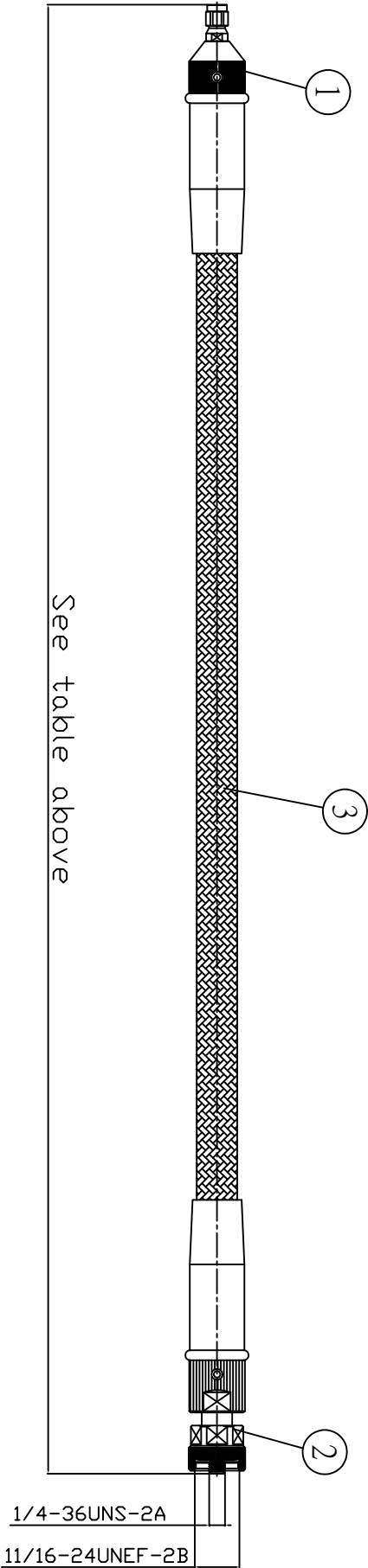


ROSNO L P/N	LENGTH	INSERTION LOSS	VSWR
K1K50-VNA40A-NMK2K50-1500	1500 mm [59.1 in]	40 GHz: ≤ 4.36 dB	≤ 1.25
K1K50-VNA40A-NMK2K50-1200	1200 mm [47.2 in]	40 GHz: ≤ 3.50 dB	≤ 1.25
K1K50-VNA40A-NMK2K50-1000	1000 mm [39.4 in]	40 GHz: ≤ 2.93 dB	≤ 1.25
K1K50-VNA40A-NMK2K50-600	600 mm [23.6 in]	40 GHz: ≤ 1.79 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. IL: 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)
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*

NO.	DESCRIPTION	PARTS NO.	QTY	U/M	DIMENSION ARE MILLIMETERS UNLESS OTHERWISE SPECIFIED TOLERANCES (INT: MM)		
					CUSTOMER	REV	UNIT
3	CABLE	VNA40A Cable	See table above	mm	10~30 = ± 1.5 30~200 = ± 10 200~1000 = ± 25 1000~ = ± 35	-	-
2	RUGGEDIZED NMD 2.92mm JACK	NMK2K50-VNA40A/9XX	1	EA			
1	2.92mm PLUG	K1K50-VNA40A/9XX	1	EA			
NO.	DESCRIPTION	PARTS NO.	QTY	U/M	CHECKED Amsden	DATE	DRAWING Amsden



rosnol
RF/Microwave Technology
www.rosnol.com
info@rosnol.com
N-CAGE Code: SFFK0

DESCRIPTION VNA TEST CABLE ASSEMBLY 2.92mm PLUG TO RUGGEDIZED NMD 2.92mm JACK

CUSTOMER DRAWING NO. Rosnol DRAWING NO. K1K50-VNA40A-NMK2K50-XXX