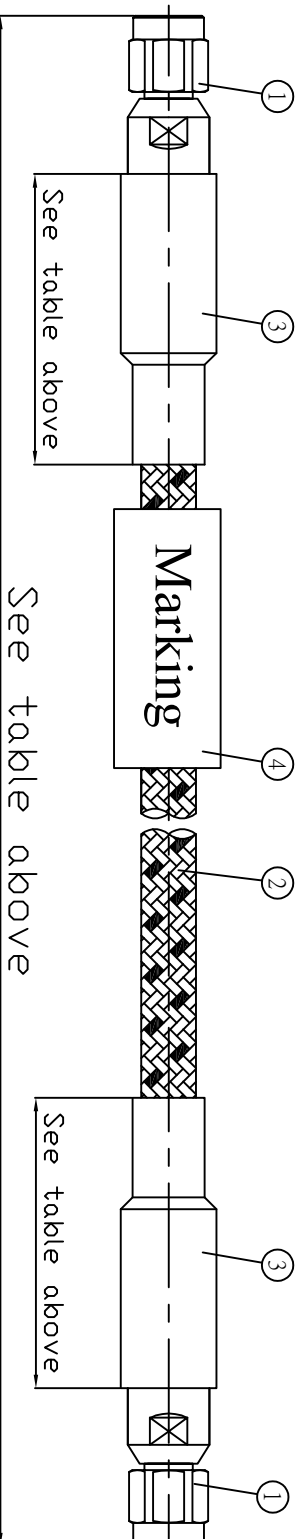


ROSNOL P/N	LENGTH (mm)	INSERTION LOSS	VSWR	HEAT SHRINK TUBE LENGTH (mm)
K1K50-AS40A-K1K50-1500	1500	≤ 4.47 dB	≤ 1.25	80
K1K50-AS40A-K1K50-1200	1200	≤ 3.61 dB	≤ 1.25	80
K1K50-AS40A-K1K50-1000	1000	≤ 3.04 dB	≤ 1.25	80
K1K50-AS40A-K1K50-600	600	≤ 1.90 dB	≤ 1.25	50
K1K50-AS40A-K1K50-300	300	≤ 1.05 dB	≤ 1.25	50

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	NOV/26/2020	



**NOTES:**

- All cable assemblies have been tested
- Electrical Data:
  - Frequency: DC to 40 GHz
  - VSWR: See table above
  - IL: See table above
  - Phase Stability vs Bending\*:  $\pm 5^\circ$  typ/ $\pm 9.5^\circ$  max
  - Amplitude Stability vs Bending\*:  $\pm 0.1$  dB typ/ $\pm 0.2$  dB max
- Shielding Effectiveness:  $\geq 100$  dB
- Operating Temperature Range:  $-55^\circ\text{C}$  to  $+85^\circ\text{C}$
- Outer Diameter: 6 mm
- Min. Bend Radius: 10 mm
- Marking Details  
ROSNOL.YYYY-WW  
K1K50-AS40A-K1K50-XXXX  
YYMMDD-Serial Number

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

NO.	DESCRIPTION	PARTS NO.	QTY	U/M
4	LABEL HEAT SHRINK TUBE	HST-W-D4-125C-G	1	EA
3	HEAT SHRINK TUBE	HST-B-D6,4-125C-G	See table above	mm
2	CABLE	AS40A Cable	See table above	m
1	2.92mm SOLDER CLAMP PLUG	K1K50-AS40A/9XX	2	EA

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

CUSTOMER	REV	UNIT
Chin Fu Li	-	-
Amsden		
Amsden		

DESCRIPTION	CUSTOMER DRAWING NO.	ROSNOL DRAWING NO.
CABLE ASSEMBLY 2.92mm PLUG TO 2.92mm PLUG		K1K50-AS40A-K1K50-XXXX/DMT



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