

ANCHOR

KERNMANTLE HORIZONTAL LIFELINE

Two-Person Kernmantle Rope Temporary Horizontal Lifeline

To meet the needs of a challenging work environment, FallTech® offers premium Kernmantle Rope Two Person Temporary Horizontal Lifeline system for up to two workers. The FallTech Kernmantle rope temporary two person horizontal lifeline is a completely engineered system with all of the components necessary to quickly install a complete horizontal lifeline.

- Durable 11/16" Kernmantle rope with stitched thimble-eye end termination.
- Line tensioner allows for easy set-up and tear-down and limits over tensioning of the system.
- Integral energy absorber to limit fall arrest forces.
- Two heavy-duty pass through anchor straps and alloy steel carabiners provide a secure connection point at each end.
- Two alloy steel connection O-rings.
- Carry bag allows for easy storage and transportation of the HLL.
- Anchor points only need to be rated to 5,000 lbs. to meet the 2:1 safety factor.
- Complies with:
OSHA – 1926.502



Part #	Description
77302K	30' Kernmantle Rope HLL with Energy Absorber
77602K	60' Kernmantle Rope HLL with Energy Absorber
77600S	60' Kernmantle Rope HLL with Energy Absorber for Stanchion Systems

To learn more visit us at:

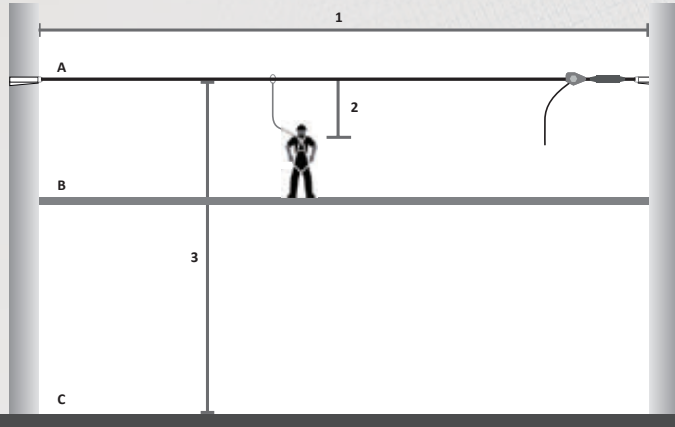
www.falltech.com



FALLTECH®
Fall Protection. Precision Engineered.

Kernmantle HLL with SAL Minimum Required Fall Clearance \ 1 Worker

425 lbs. Maximum User Capacity, One Worker Maximum



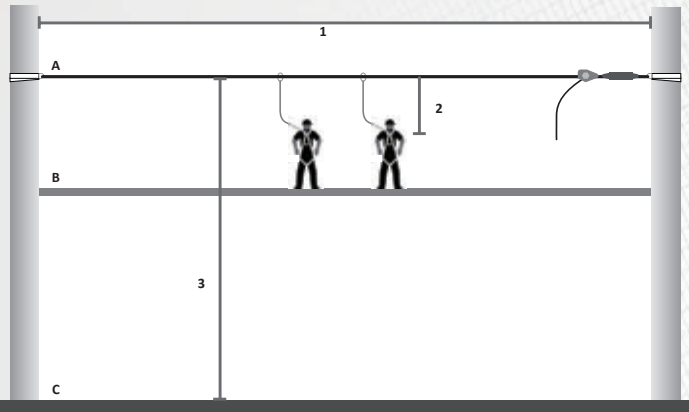
1	Find Span Length in Table 2A.
2	Find Freefall Distance in Table 2A.
3	Required Fall Clearance specified in Table 2A at the intersection of Span Length and Freefall Distance
A. Overhead Anchorage B. Walking/Working Surface C. Nearest Lower Level or Obstruction	
* Workers from 310 lbs. to 425 lbs. must use suitable PFAS; see Section 3.1	
** Work below HLL to avoid Swing Fall	

		Freefall Distance (feet)						
		0	1	2	3	4	5	6
Span Length (feet)	0 - 30	17.0'	18.0'	19.0'	20.0'	21.0'	22.0'	23.0'
	30 - 40	18.5'	19.5'	20.5'	21.5'	22.5'	23.5'	24.5'
	40 - 50	20.0'	21.0'	22.0'	23.0'	24.0'	25.0'	26.0'
	50 - 60	21.5'	22.5'	23.5'	24.5'	25.5'	26.5'	27.5'

* Workers from 310 lbs. to 425 lbs. must use suitable PFAS; see Section 3.1

Kernmantle HLL with SAL Minimum Required Fall Clearance \ 2 Workers

310 lbs. Maximum User Capacity Each, Two Workers Maximum



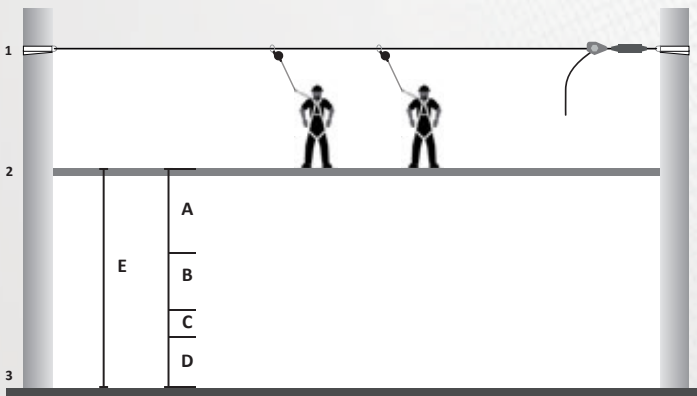
1	Find Span Length in Table 2B.
2	Find Freefall Distance in Table 2B.
3	Required Fall Clearance specified in Table 2A at the intersection of Span Length and Freefall Distance
A. Overhead Anchorage B. Walking/Working Surface C. Nearest Lower Level or Obstruction	
** Work below HLL to avoid Swing Fall	

		Freefall Distance (feet)						
		0	1	2	3	4	5	6
Span Length (feet)	0 - 30	20.0'	21.0'	22.0'	23.0'	24.0'	25.0'	26.0'
	30 - 40	21.5'	22.5'	23.5'	24.5'	25.5'	26.5'	27.5'
	40 - 50	24.0'	25.0'	26.0'	27.0'	28.0'	29.0'	30.0'
	50 - 60	25.5'	26.5'	27.5'	28.5'	29.5'	30.5'	31.5'

* Workers from 310 lbs. to 425 lbs. must use suitable PFAS; see Section 3.1

Kernmantle HLL with SAL Minimum Required Fall Clearance \ 2 Workers

310 lbs. Maximum User Capacity Each, Two Workers Maximum



A		Find Vertical HLL Sag from Table 3.
B		Total SRD Deceleration Distance from User's Manual*
C	1 ft	D-ring Shift and Harness Stretch
D	3 ft	Safety Factor
E		Total Minimum Required Fall Clearance - (Sum of A, B, C and D)
A. Overhead Anchorage B. Walking/Working Surface C. Nearest Lower Level or Obstruction		
* If SRD Deceleration Distance is unknown, use 2 feet for ANSI Z359.14 Class A SRDs or use 4-1/2 feet for ANSI Z359.14 Class B SRDs.		
** Work below HLL to avoid Swing Fall		

Required Clearance When Connected to HLL Using ANSI Z359.14 Class A SRDs

Span Length (feet)	One Worker		Two Workers	
	0 - 30	30 - 40	0 - 30	30 - 40
0 - 30	14.0'	15.5'	17.0'	18.0'
30 - 40	15.5'	16.5'	19.0'	20.0'
40 - 50	16.5'	18.0'	20.0'	
50 - 60	18.0'			

Note: This chart requires that the SRD is over the head of the worker when attached to the HLL.

Required Clearance When Connected to HLL Using ANSI Z359.14 Class B SRDs

Span Length (feet)	One Worker		Two Workers	
	0 - 30	30 - 40	0 - 30	30 - 40
0 - 30	16.5'	18.0'	19.5'	20.5'
30 - 40	18.0'	19.0'	21.5'	
40 - 50	19.0'	20.5'		
50 - 60	20.5'			

Note: This chart requires that the SRD is over the head of the worker when attached to the HLL.