



NOTES:
1) All dimensions in mm unless otherwise stated
2) Dimensions include loops as applicable
3) Dimensions are given from the inside of a loop end

FABRICATION NOTES:

Cut three rope lengths as per diagram.

1) Central line
Splice loops on both ends of the central line.
Adjust loops so overall length is correct (3109mm).

2) Single Line
Loop one end of the upper line through a loop of the Central Line.
Loop the other end through a pre-installed eyebolt on the feed cage.
Adjust the loops until the length of the single line is correct (1785mm).

At this point the assembly can be suspended from a suitable structure
(using the Central Line) to aid levelling.

3) Double Line
Splice one end through a pre-installed eyebolt.
Feed the rope through the same Central Line loop as before.
Use a spirit level to ensure that the rope is approximately the right length.
Loop the other end through the last pre-installed eyebolt, still using
the spirit level to roughly level the assembly.

Fine adjust the Double Line loops to ensure the assembly is level in all directions.
NB: Make sure the Single and Double Line loops sit next to each other in
the Central Line Loop

Check the overall length from the backplane to the Central Line bottom loop (4840mm).

MATL: 6mm BRAIDED ROPE
(DYNEEMA OR SIMILAR)

DRAWN KA ROSIE	2016/01/22	SKA SA - HERA PROJECT		
CHECKED		TITLE		
QA		PULLDOWN ROPE ASSEMBLY		
MFG		DWG NO		
APPROVED		CentralLine		REV A
		SCALE 1 / 20	SHEET 1 OF 1	