

Installation of suspension devices / FL and FM elevator travelling cables

1 Maximum clamping thickness of suspension device

Maximum 3 cables

LZ 1006 (grey)

Clamping range A = 3 - 12 mm
Width of cable \leq 55mm

LZ 1009 (grey)

Clamping range A = 3 - 15 mm
Width of cable \leq 56 - 79 mm

LZ 1010 (blue)

Clamping range A = 3 - 22 mm
Width of cable \leq 80 - 100 mm

2 Cable combination for FL

Maximum 3 cables
Different cable widths are possible

3 Cable combination for FM

Maximum 3 cables
Combinations only with equal cable widths

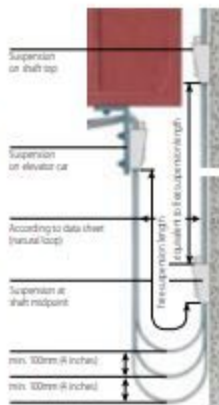
4 Fixing several adjacent suspension devices

Spacing A =
minimum 50 mm

5 Installation positions of suspension devices for FL and FM cables

	FL	FM
Maximum travelling height	80 m (260 feet)	150 m (490 feet)
Maximum free suspension length (m)	45 m (150 feet)	80 m (260 feet)

A third suspension device is required at shaft midpoint if the actual **travelling height** is higher than the **free suspension length**.



6 Minimum loop spacing for cable combination

Distance between loops
min. 100 mm (4 inches);
thickest cable on bottom,
thinnest cable on top

7 Installation below machine room

Only one cable per
suspension device.Diameter for fixed loop =
minimum 14x cable
thickness t.

Loop cable back on itself



Fixing to shaft wall

