

# Steadi-Flex® Compensation Cable

LIFETIME WARRANTY - USE WITH SIDE COUNTERWEIGHTS AND LONG (> 400 FT • 122 M) HANG LENGTHS

US patent 7,610,944 • European patent 1721859

LIFETIME WARRANTY

Part Number	Product Code	Cable Weight lbs/ft • kg/m	Chain Trade Size inches • mm	Cable Nom. OD inches • mm	Max. Hang Length feet • meters	Dynamic Loop Width inches • mm
18-L15-97	SFC 15	1.5 • 2.2	1/4 • 7	1.39 • 35	600 • 183	46 • 1170
18-L20-97	SFC 20	2.0 • 3.0	1/4 • 7	1.56 • 40	520 • 158	47 • 1200
18-L25-97	SFC 25	2.5 • 3.7	5/16 • 8	1.67 • 42	600 • 183	48 • 1220
18-L30-97	SFC 30	3.0 • 4.5	5/16 • 8	1.82 • 46	505 • 154	49 • 1250
18-L35-97	SFC 35	3.5 • 5.2	3/8 • 10	1.91 • 49	600 • 183	50 • 1270
18-L40-97	SFC 40	4.0 • 6.0	3/8 • 10	2.04 • 52	530 • 162	50 • 1270



Steadi-Flex cable is a **wide-loop version** of our standard Whisper-Flex compensation cable. Because of its wider natural loop, Steadi-Flex cable can be positioned closer to the car's centerline. This improves car balance and ride quality for installations with side counterweights and long hang lengths (over 400 ft • 122 m).

It provides smooth operation at temperatures of -15° C to +60° C and can be used for elevators with rated speeds up to 700 ft/min • 3.56 m/sec (per ASME A17.1 - 2010, Rule 2.21.4.2 Compensating Rope Tie-Down).

Support brackets, U-bolts, S-hooks and heavy duty couplings specifically designed for Steadi-Flex cable must be used to ensure safe installations. Installation hardware (JCC-XX-CHN) is recommended for use with Steadi-Flex. See pages 70 - 71 for details on this hardware.

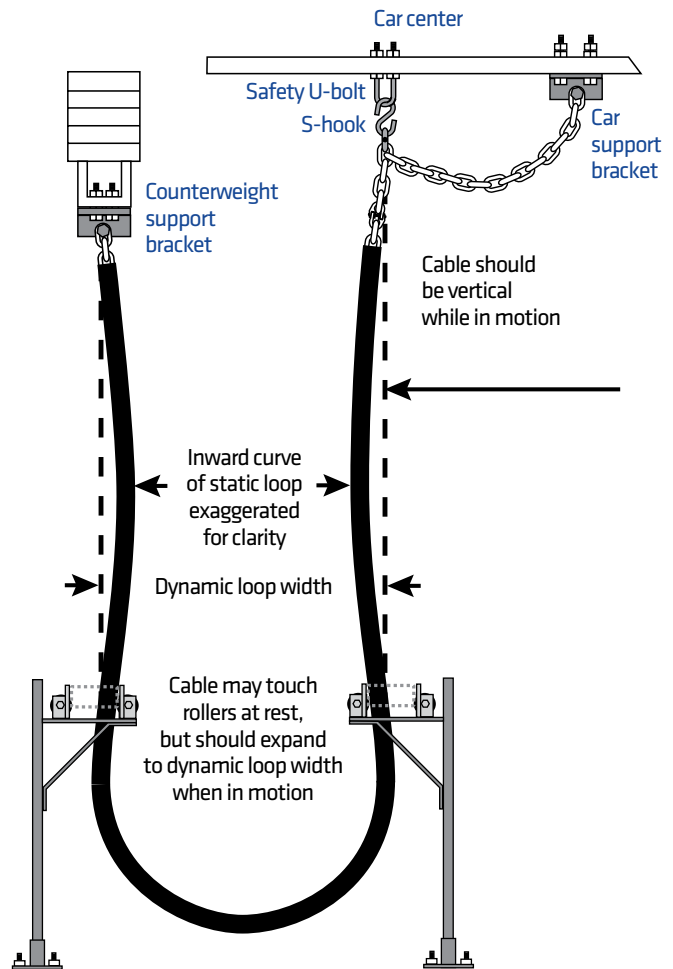
Draka Elevator's Super Swayless (p/n WF-RDD3-S) damping device is recommended for use with Steadi-Flex to minimize cable sway for car speeds above 350 ft/min (1.8 m/sec). See page 76.

## Steadi-Flex installation and the dynamic loop width

When choosing Steadi-Flex, give special consideration to the dynamic loop width. The dynamic loop width is the width of the loop when the cable is in motion and will vary with car speed, distance between support points and other factors. The static loop width will be up to 10" smaller. Position the attachment points and damping devices per the dynamic loop width in the above table. At rest, the cable should touch the damping device inside rollers - in motion, the loop will expand.

Steadi-Flex is NOT a one-for-one replacement for Whisper-Flex. Pit dimension and possible obstructions should be considered when specifying Steadi-Flex. Counterweight and car attachment points should be spaced to match the dynamic loop width.

Refer to the Draka technical bulletin "Special considerations for selecting and installing Steadi-Flex compensation cable" for exact instructions on installation procedures.



## Stripping service 1 1/2 or 3 1/2 links exposed

Part Number	Description
WFSTRIP1.5L	Cable with 1-1/2 links stripped at one end
WFSTRIP3L	Cable with 3-1/2 links stripped at one end

Wire Rope, Compensation and Accessories