

DOGBONE[®] Vibration Damper

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

The **DOGBONE Vibration Damper** is designed to eliminate conductor fatigue damage and line maintenance costs by effectively diminishing aeolian vibration. The messenger cable and unique "dog bone" shape of the masses are designed to achieve optimal energy dissipation for minimal clamp movement.

Features

- Due to the many parameters involved and the exhaustive tests conducted, please contact PLP to calculate optimum damper placements and quantities.
- The messenger cable – The 19 strand messenger cable provides greater energy dissipation at small amplitudes of flexure.
- The damper attachment clamp – It provides adequate slip strength without imposing excessive clamping pressure on the conductor.
- Capable of being installed by hand or using live line installation techniques without the need to disassemble the clamp.

Documentation

Application Procedures

[SP-3086 \(DOGBONE Vibration Damper\)](#)

Catalog Pages

[DOGBONE[®] Vibration Damper - Transmission Catalog](#)

[DOGBONE Vibration Damper - Tower and Antenna Catalog for Special Industries](#)

Sales Materials

[DOGBONE Vibration Damper - Sell Sheet](#)

Aeolian Vibration Report Catalog

[Aeolian Vibration Basics](#)

Part Tables

To correctly find the proper DOGBONE® Damper for your application, follow the key below.

DOGBONE DAMPER

Catalog Number Selection:

Product Code

"DB" – DOGBONE Damper.

DB2 - 27 SH

Weight Combination

(05, 1, 2, etc.):

Weight selection based on
cable diameter.

Shear Head Bolt Option:

Include an "SH" to order damper with
break-away Shear-Head bolt.

Clamp Code

(06, 09, 12, 15, 18, 21, 27, 30, 34, etc.)

Clamp Selection based on cable diameter.

Catalog Number	Range		Overall Length		Clamp, Keeper and Bolts Weight		Weight per Mass	
	inches	mm	inches	mm	lb	kg	lb	kg
DB05-06	0.250 - 0.370	6.35 - 9.40	14.2	362	0.41	0.2	1.1	0.5
DB05-09	0.371 - 0.490	9.42 - 12.45	14.2	362	0.44	0.2	1.1	0.5
DB05-12	0.491 - 0.600	12.47 - 15.24	14.7	375	0.44	0.2	1.1	0.5
DB05-15	0.601 - 0.710	15.27 - 18.03	14.7	375	0.44	0.2	1.1	0.5
DB1-15	0.601 - 0.710	15.26 - 18.03	16.4	417	0.44	0.2	2.2	1.0
DB1-18	0.711 - 0.860	18.06 - 21.84	16.4	417	0.66	0.3	2.2	1.0
DB1-21	0.861 - 0.950	21.87 - 24.13	16.4	417	0.88	0.4	2.2	1.0
DB2-27	1.091 - 1.210	27.71 - 30.73	18.8	478	1.32	0.6	4.4	2.0
DB2-30	1.211 - 1.330	30.75 - 33.78	18.8	478	1.32	0.6	4.4	2.0
DB2-34	1.331 - 1.486	33.81 - 37.74	18.8	478	1.54	0.7	4.4	2.0