

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 Catalogue](#)

Sales Materials

[Dogbone Vibration Damper - Sell Sheet](#)

Aeolian Vibration Report Catalog

Aeolian Vibration Basics

Part Tables

DAMPER CAT. NO.	ATTACHMENT RODS CAT. NO.	COND. RANGE (mm)	CONDUCTOR NAME	COLOUR CODE	ATTACHMENT RODS		MASS INCL. RODS (KG)	LENGTH L (mm)	HEIGHT H (mm)
					SHOP LENGTH SL (mm)	WIRE DIAMETER (mm)			
DVD 7110	DVDRD 756-766	19.20 – 19.46	Jaguar	Black	739	6.35	4.3	407	132
	DVDRD 767-814	19.48 – 20.68	Lynx	Green	799	6.35	4.3		
	DVDRD 815-845	20.70 – 21.46	Panther	Brown	788	6.35	4.3		
	DVDRD 846-907	21.49 – 23.04	Sycamore	Yellow	820	6.35	4.3		
	DVDRD 908-942	23.06 – 23.93	Bear	Orange	891	6.35	4.3		
DVD 9430	DVDRD 943-976	23.95 – 24.79	Upas	Green	918	7.62	4.3	407	190
	DVDRD 977-1016	24.82 – 25.81	-	Blue	972	7.62	4.3		
	DVDRD 1017-1035	25.83 – 26.29	Goat	Black	1026	7.62	4.3		
	DVDRD 1036-1064	26.31 – 27.03	Centipede, Tern	Blue	1047	7.62	4.3		
	DVDRD 1065-1098	27.05 – 27.89	-	Grey	1069	7.62	4.3		
DVD 1114	DVDRD 1099-1139	27.91 – 28.93	Zebra	Yellow	1117	7.62	6.4	437	200
	DVDRD 1140-1161	28.96 – 29.49	-	Blue	1139	7.62	6.4		
	DVDRD 1162-1208	29.51 – 30.68	Scorpion	Green	1166	7.62	6.5		
	DVDRD 1209-1269	30.71 – 32.23	-	Brown	1220	7.62	6.5		
	DVDRD 1270-1327	32.26 – 33.71	-	Black	1295	7.62	6.5		
	DVDRD 1328-1390	33.73 – 35.31	-	Grey	1339	7.62	6.5		
	DVDRD 1391-1440	35.33 – 36.58	Dinosaur, Bersford	White	1403	7.62	6.5		

Product Gallery