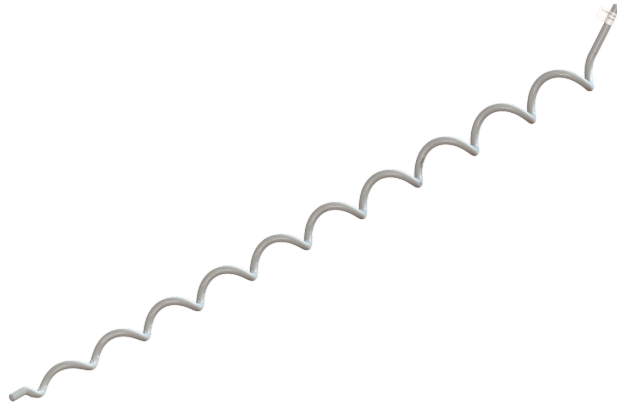


DEAD ENDS

SPIRAL VIBRATION DAMPERS



FHE-AVADSS-XX-US

\ GENERAL

\ DESCRIPTION

AERIALGRIP ® Spiral Vibration Dampers are sold in boxes of 25 Pcs and have been developed specifically to reduce vibration on OPGW and ADSS cables, the latter tend to vibrate at higher levels, mainly due to their lighter weight. They provide a gentle grip on the cable while reducing aeolian vibration by opposing the natural vibration wave, avoiding cable stress and protecting the cable hardware.

AERIALGRIP ® Spiral Vibration Dampers are manufactured from fully dielectric PVC, guaranteeing properties such as corrosion and compression resistance. The protection degree will depend on the cable configuration, outer jacket material, tension and wind flow. Consult your distributor for specific recommendations as well as the number of dampers required per span length.

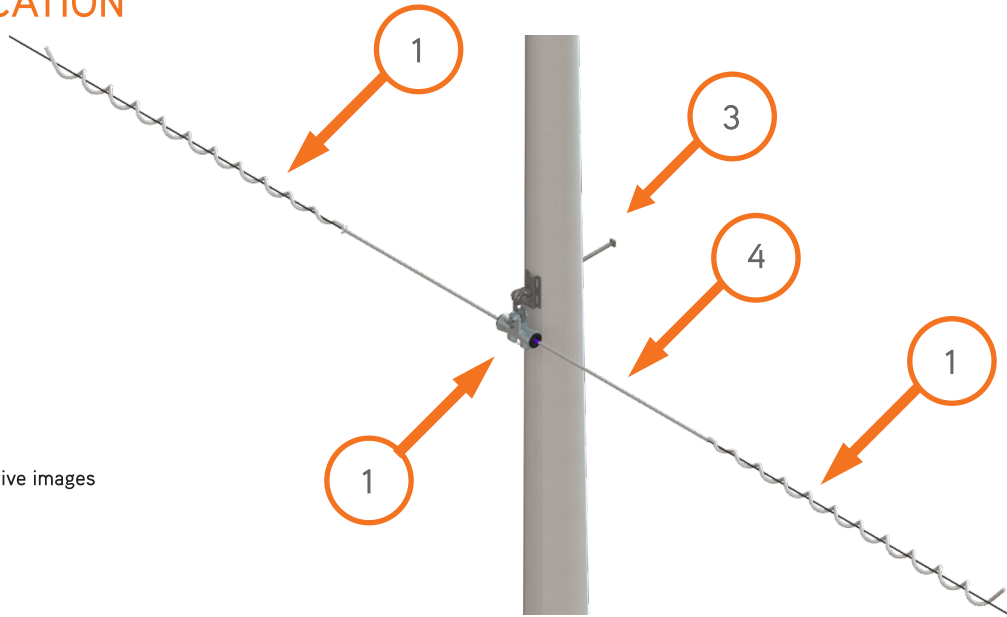
\ FEATURES

- Corrosion resistant
- Manufactured in high elasticity fully dielectric PVC
- Compliant with IEEE 1591.2-2017
- Flexibility against vibrations & oscillations caused by the wind
- Protects cable integrity by absorbing compression
- Reusable




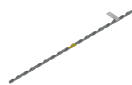
Note: This product should be installed near, but without any possible contact with armor rods, cable suspension clamps, deadends or other hardware. Do not place more than 3 together.



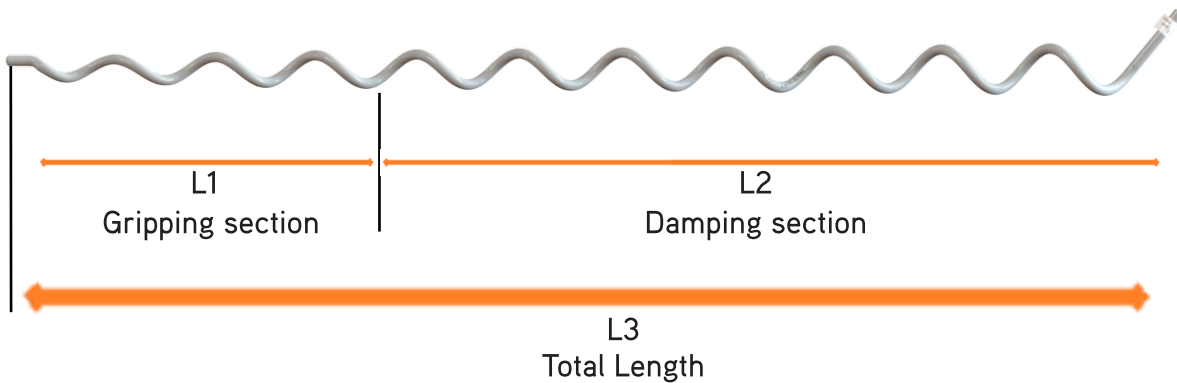
\ APPLICATION



Note: Illustrative images

	CODE	DESCRIPTION	IMAGES
1)	FHE-AVADSS-XX-US	SPIRAL VIBRATION DAMPERS	
2)	HSCADSS-XX.X-XX.X-100-US	SUSPENSION FOR ADSS CABLE	
3)	HSPX-XXX	BOLT BRACKETS	
4)	EP-XXXX-XX.X-XX.X-XX-US	ARMOR RODS	

\ DIMENSIONS



Note: Dimensions established in mm and inches.

For "L" 1,2 and 3 see table below

CODE	CABLE DIAMETER RANGE (MM)/(INCHES)	MATERIAL	GRIPPING SECTION LENGTH. L1 (MM)/(INCHES)	DAMPING SECTION L2 (MM)/(INCHES)	TOTAL LENGTH L3 (MM)/(INCHES)
FHE-AVADSS-11	8.3-11.7 / 0.320-0.460	High elasticity fully dielectric PVC	250-300 / 9.84-11.8	1000-1050 / 39.37-41.33	1300±20 / 51±0.7
FHE-AVADSS-14	11.7-14.3 / 0.461-0.562	High elasticity fully dielectric PVC	250-300 / 9.84-11.8	1050-1100 / 41.34-43.30	1350±20 / 53±0.7
FHE-AVADSS-19	14.3-19.3 / 0.563-0.750	High elasticity fully dielectric PVC	330-350 / 13.0-13.7	1220-1240 / 48.0-48.80	1570±20 / 61±0.7

\GENERAL PLACEMENT RECOMMENDATIONS

RECOMMENDED NUMBER OF SPIRAL VIBRATION DAMPERS PER SPAN				
SPAN LENGTH (FT)	SPAN LENGTH (M)	STANDARD APPLICATION	Standard Application With Final Tensions ≥ 20% of RBS/UTS** OR Crossing* Span Application	Crossing* Span Application With Final Tensions ≥ 20% of RBS/UTS**
0-800	0-245	2	4	6
801-1600	245-490	4	6	10
1601-2400	490-735	6	10	16
2401-3200	735-980	8	12	18
3201-4000	980-1225	10	16	24
4001-4800	1225-1470	12	18	28

Note: **RBS ("Rated Breaking Strength")
 **UTS ("Ultimate Tensile Strength")
 *For "Crossing" line applications that span water canyons, highways, or other vibration inducing terrain

\ PACKAGING

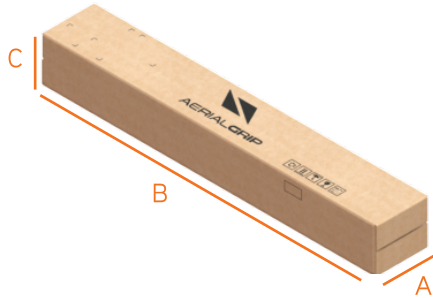


Fig 1. CC-HERR3
25 Pcs packaging

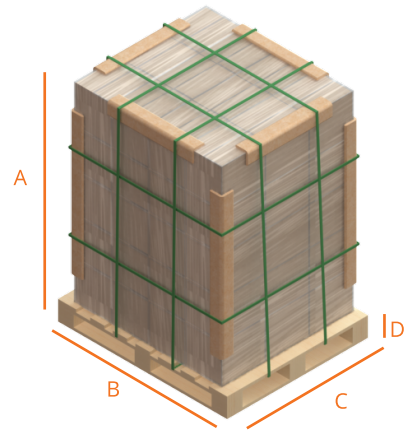


Fig 2. 500 Pcs pallet

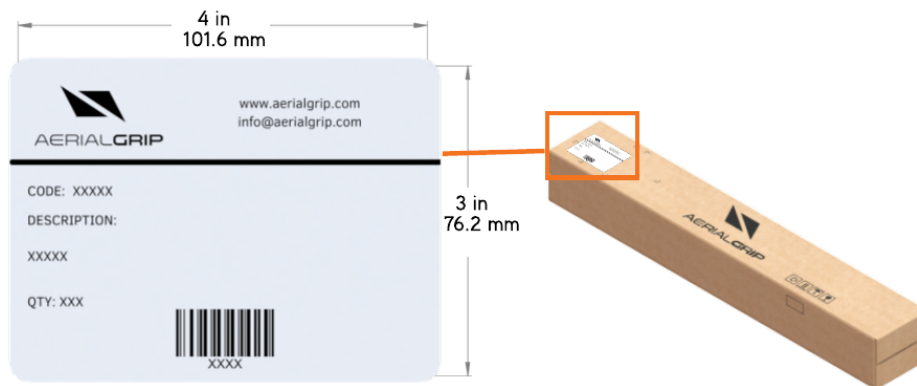
Box	A (in)/(mm)	B (in)/(mm)	C (in)/(mm)	Weight (lb/kg)
1	9.84/250	66.9/1750	8.26/210	16.53/7.5
2	9.84/250	66.9/1750	8.26/210	17.63/8
3	9.84/250	66.9/1750	8.26/210	32/14.5

Note: Box 1 = FHE-AVADSS-11
Box 2 = FHE-AVADSS-14
Box 3 = FHE-AVADSS-19

Pallet	A (in)/(mm)	B (in)/(mm)	C (in)/(mm)	D (in)/(mm)	Weight (lb/kg)*
1	74.4/ 1890	47.2/1200	40/1000	5.5/140	374.8/ 170
2	74.4/ 1890	47.2/1200	40/1000	5.5/140	396.8/ 180
3	74.4/ 1890	47.2/1200	40/1000	5.5/140	683.4/ 310

Note: * Pallet weight included (44.1 lb / 20 kg)
Pallet with maximum one bed of 20 (4x5 boxes)

\ LABELING SPECIFICATIONS



\ ORDERING MATRIX

FHE-AVADSS-**XX**-US

XX - Cable diameter

11 - 8.30 - 11.70 mm (0.326 - 0.460 in)

14 - 11.71 - 14.30 mm (0.461 - 0.562 in)

19 - 14.31 - 19.30 mm (0.563 - 0.759 in)