

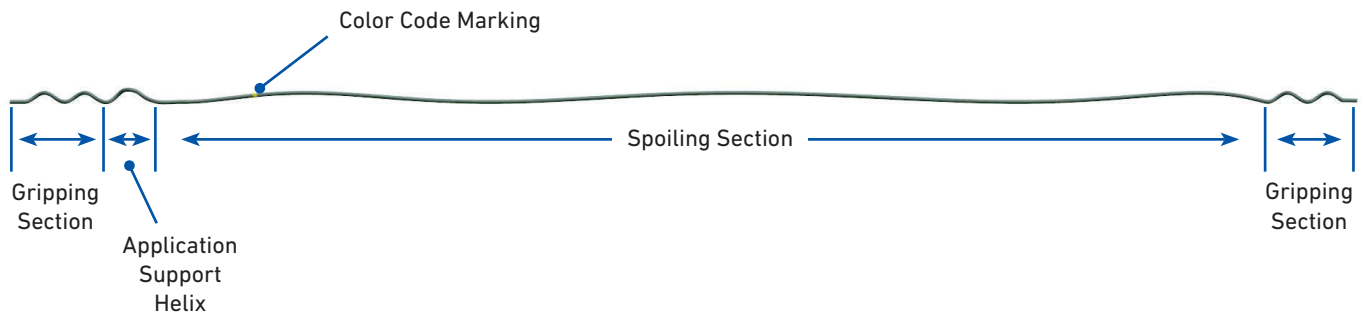
AIR FLOW SPOILER

The **Air Flow Spoiler** is a motion control product used to control galloping of cable spans. Galloping can rapidly cause severe damage to cable systems if left unmitigated. Using the recommended quantity and placement of Air Flow Spoilers can suppress galloping and increase cable longevity.

FEATURES AND BENEFITS

- Central spoiling section suppresses galloping by providing a constantly changing aerodynamic profile, disrupting lift
- Helical gripping sections on both ends grip the cable securely without excess clamping forces
- Number and placement of Air Flow Spoilers in each cable span are determined by an internally-developed program based on the results of field and laboratory research
- AFS's are made of durable, UV-rated PVC
- Standard version available for up to 230 kV and EHV available for up to 345 kV
- Air Flow Spoilers for EHV applications have a co-extruded semi-conductive material layer that resists the surface effects of high electrical gradients and minimizes the possible generation of radio interference (RI)

CHARACTERISTICS



Feature	Description
Gripping Section	Gently grips the cable
Application Support Helix	Supports the Air Flow Spoiler as the gripping sections are installed
Spoiling Section	Provides a change in the aerodynamic profile of the cable to mitigate galloping
Color Code Marking	Identifies the product's cable diameter range

ORDERING INFORMATION

- Select the appropriate catalog number from the tables below using the cable's diameter

Air Flow Spoiler

Catalog Number	EHV Catalog Number	Cable Diameter Range		Length		Weight/Unit	Color Code
		in	mm	ft	m	lb	
5058100		0.25 - 0.326	6.3 - 8.3	13-1/3	4.06	1.0	Red
5058101		0.327 - 0.461	8.31 - 11.7	13-1/2	4.11	1.0	White
5058102		0.462 - 0.563	11.8 - 14.3	13-3/4	4.19	2.3	Orange
5058103		0.564 - 0.760	14.4 - 19.3	14-1/2	4.42	2.4	Yellow
5058104		0.761 - 0.926	19.4 - 23.5	14-7/8	4.53	4.3	Blue
5058105	5058200	0.927 - 1.019	23.6 - 25.9	15-1/4	4.65	4.5	Black
5058106	5058201	1.02 - 1.165	26.0 - 29.6	15-3/4	4.8	5.5	Purple
5058107	5058202	1.166 - 1.469	29.7 - 37.3	16-1/4	4.95	5.8	Brown
5058108	5058203	1.47 - 1.602	37.4 - 40.7	17-1/8	5.22	9.5	Green
5058109	5058204	1.603 - 1.762	40.8 - 44.8	17-1/3	5.28	9.8	Pink
5058110	5058205	1.763 - 1.922	44.9 - 48.8	18-1/8	5.52	10.5	Red