Air Flow Spoiler

Weight: 0.00kg
Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

PLP's **Air Flow Spoiler** is designed to offset the aerodynamic lift forces that cause galloping (a low frequency, high amplitude wind-induced motion that can cause cable damage, damage to suporting structure, and damage to support hardware at their point of connection).

Features

• Made of rigid non-metallic, non-corrosive thermal plastic
• Maintains aeordynamic stability by providing a continually changing profile to the wind
• Reduces guy wire motion
• Extends support hardware and guy wire life

Documentation

Application Procedures

SP-2697 (Air Flow Spoiler)

SP-3279 (High Temperature Air Flow Spoiler)

Catalog Pages

Air Flow Spoiler-Catalogue

Sales Materials

Air Flow Spoiler - Sell Sheet

Reports and Guide Books

Conductor Galloping Basics

Overhead Distribution Line Repair Manual

Part Tables

Figure 8 and lashed messenger cables are special applications for short span construction. Air Flow Spoilers may be located in accordance with the table below:

SPAN LENGTH IN METRES	AIR FLOW SPOILERS PER CABLE	AIR FLOW SPOILER PLACEMENTS START FROM FIRST STRUCTURE. DISTANCES IN METRES ARE MEASURED FROM SAME END OF AIR FLOW SPOILER, ACCUMULATED DISTANCE IN ( ).					
30 – 40	2	10	(10)	40	(19)	15	(34)
40 – 50	3	10	(10)	40	(19)	40	(28)
		15	(43)				
50 – 60	3	15	(15)	40	(24)	40	(33)
		19	(52)				
60 – 70	4	14	(14)	40	(22)	40	(31)
		9	(40)				

Please contact the factory for recommendations on longer spans. Figure 8 and lashed messenger cables are more difficult to determine correct Air Flow Spoiler sizes. Please provide complete dimensions of the cable so correct size may be established.

CATALOGUE NO.	MESSENGER DIAMETER	CABLE DIAMETER (mm)
AFS 0811-6		08 – 11
AFS 1215-6		12 – 15
AFS 1621-6	6 mm	16 – 21
AFS 2225-6		22 – 25
AFS 0812-10		08 – 12,6
AFS 1318-10	10 mm	13 – 18
AFS 1923-10		19 – 23