

ADSS Fiber Optic Cable Tangent Suspension Clamp

This tangent suspension clamp is designed for ADSS fiber optic cables. It provides a secure suspension point on tangent or slightly angled sections of overhead transmission lines.



ADDITIONAL IMAGES



Product Overview

ADSS Tangent Suspension Clamp

This suspension clamp is designed specifically for ADSS fiber optic cables used in overhead transmission line towers. It effectively reduces static stress at suspension points while mitigating wind vibration to prevent cable damage. By ensuring the cable's bend radius remains within permitted limits, it prevents bending stress and signal loss, ensuring long-term network reliability.

Technical Specifications

Key Benefits

- Reduces static stress at suspension points
- Improves cable anti-vibration capability
- Inhibits wind-induced dynamic stress
- Prevents bending-induced signal loss

Supported Applications

Span < 100m (No armor), Span 100-400m (Single armor)

Ordering Guide

Catalog Numbers (Span < 100m)

| Catalog Number | Diameter Range (mm) |
|----------------|---------------------|
| ACL 1110 002 | 10.0-11.1 |
| ACL 1220 002 | 11.2-12.2 |
| ACL 1330 002 | 12.3-13.3 |
| ACL 1440 002 | 13.4-14.4 |
| ACL 1550 002 | 14.5-15.5 |
| ACL 1660 002 | 15.6-16.6 |
| ACL 1770 002 | 16.7-17.7 |
| ACL 1880 002 | 17.8-18.8 |
| ACL 1990 002 | 18.9-19.9 |

Catalog Numbers (Span 100-400m)

| Catalog Number | Diameter Range (mm) | Avg Weight (kg) | Length (mm) |
|----------------|---------------------|-----------------|-------------|
| ACL 1050 030 | 9.5-10.5 | 0.83 | 680 |
| ACL 1160 030 | 10.6-11.6 | 0.94 | 730 |
| ACL 1270 030 | 11.7-12.7 | 1.06 | 850 |
| ACL 1380 030 | 12.8-13.8 | 1.18 | 880 |
| ACL 1490 030 | 13.9-14.9 | 1.3 | 880 |