

ADSS Tension Clamp Rods

Variants

200SPAN 11.5~12.5mm. 100SPAN 11~12mm.

Details

Single Layer Tension Clamp

The **Single Layer Tension Clamp** is a preformed dead-end grip designed for anchoring and terminating ADSS aerial fiber optic cables. It provides firm cable holding performance while distributing mechanical pressure evenly along the cable surface.

Manufactured from **aluminium-clad steel**, the clamp offers high mechanical strength, corrosion resistance, and long-term outdoor reliability. It is suitable for ADSS cables with diameters from **10 mm to 15 mm** and can be selected for spans of 100 m, 200 m, 300 m, 400 m, 500 m, and other project requirements.

Quick Specifications

Cable Diameter

10–15 mm

Available Span

100–500 m

Material

Aluminium-Clad Steel

Rated Load

120 kN

Key Features

- Single-layer preformed tension clamp
- Designed for ADSS aerial fiber optic cable fixing
- Suitable for cable diameters from 10 mm to 15 mm
- Available for multiple aerial span requirements
- Manufactured from aluminium-clad steel
- Preformed dead-end grip structure
- High mechanical holding performance
- Corrosion-resistant silver finish
- Suitable for ADSS and OPGW cable fittings
- Designed for long-term outdoor installation

Technical Specifications

Parameter	Technical Specification
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Product Name	Single Layer Tension Clamp
Application	ADSS Aerial Fiber Optic Cable Fixing and Termination
Suitable Cable Diameter	10–15 mm
Span Options	100 m, 200 m, 300 m, 400 m, 500 m, etc.
Material	Aluminium-Clad Steel
Manufacturing Process	Casting or Forged
Structure	Preformed Dead-End Grip
Rated Load	120 kN
Usage	ADSS / OPGW Cable Fittings
Color	Silver
Installation Environment	Outdoor Aerial Fiber Optic Networks

Available Span Options

100 m
200 m
300 m
400 m
500 m

Applications

ADSS Cable Termination

Used for securely anchoring ADSS fiber optic cables at terminal and tension poles.

Telecommunication Networks

Suitable for aerial backbone, distribution, FTTH, and FTTx fiber networks.

Power Utility Networks

Supports ADSS and OPGW cable hardware installation along utility routes.

Long-Span Installation

Available for different pole spans according to cable and project requirements.

Installation Recommendation

Select the tension clamp according to the exact **ADSS cable diameter, span length, cable tensile strength, route conditions, wind load, ice load, and pole configuration**. Ensure the preformed rods are installed evenly around the cable without overlapping or damaging the cable jacket. The clamp's rated load should be confirmed against the final project and cable design before installation.