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# Installation Instructions for All-Dielectric Self-Supporting (ADSS) ASN Series Suspension Clamp

**NOTE:**

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### Preparation

Prior to making connection, the accessory must be clean. Check accessory groove(s) and bushings for foreign particles; remove if present.

### Installation

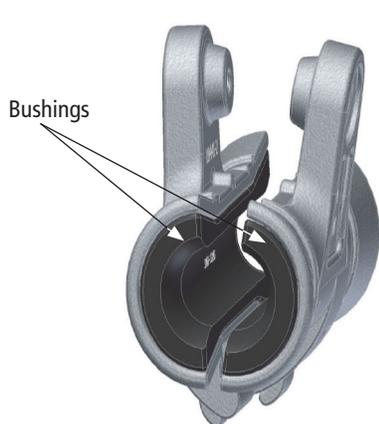
All-Dielectric Self Supporting (ADSS) ASN Series Suspension Clamp Installation Parts List:

**Table 1**

AFL NO.	ADSS CABLE DIAMETER RANGE (INCHES)	BUSHING COLOR CODE	MAXIMUM SPAN USING NESC LOADS IN FEET			ACTUAL WEIGHT (LBS)
			HEAVY	MEDIUM	LIGHT	
ASN420/474	0.420 - 0.474	Black	600	900	1200	2.14
ASN475/525	0.475 - 0.525	Blue	600	900	1200	2.13
ASN526/575	0.526 - 0.575	Orange	600	900	1200	2.13
ASN576/625	0.576 - 0.625	Brown	600	900	1200	2.14
ASN626/675	0.626 - 0.675	Green	600	900	1200	2.14
ASN676/725	0.676 - 0.725	White	600	900	1200	2.11
ASN726/775	0.726 - 0.775	Red	600	900	1200	2.11
ASN776/825	0.776 - 0.825	Purple	600	900	1200	2.10
ASN826/875	0.826 - 0.875	Yellow	600	900	1200	2.10
ASN876/925	0.876 - 0.925	Pink	600	900	1200	2.10
ASN926/959	0.926 - 0.959	Blue & White	600	900	1200	2.08
ASN960/1045	0.960 - 0.1045	Gray	600	900	1200	2.08

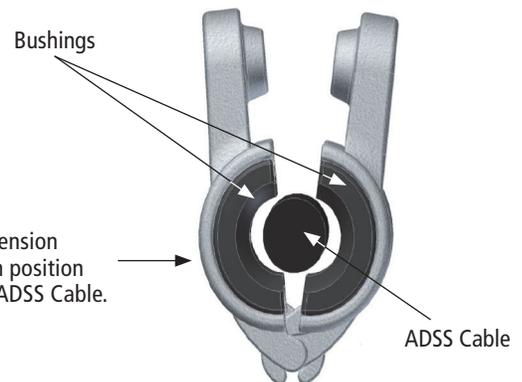
### Installation

- Loosen Clamping Bolt to allow the ADSS ASN Suspension Clamp to hinge open as shown in **Fig. 1**. Remove mounting hardware. If applicable, remove coupling attachment hardware from ADSS ASN Suspension Clamp.
- Position ADSS ASN Suspension Clamp to align the bushing groove to encapsulate the ADSS Fiber Optic cable as shown in **Fig. 2**.



**Fig. 1**

ADSS ASN Suspension Clamp shown with hinge open and mounting hardware removed.



**Fig. 2**

3. If applicable, install attachment hardware (anchor shackle, oval eye nut, etc.) on ADSS ASN Suspension Clamp and proceed to step 4.
4. Close the ADSS ASN Suspension Clamp firmly on the ADSS fiber optic cable by squeezing both sides of the “barrel” to seat the ADSS fiber optic cable into the bushing groove of the ADSS ASN Suspension Clamp as shown in **Fig. 3-1**. Visually inspect ASN Suspension clamp to ensure that the assembly [groove–bushings (both ends)] and ADSS fiber optic cable is not cocked or misaligned.  
**NOTE:** Bushings must be flush with casting surfaces.
5. While holding the clamp closed, install Clamping Bolts into the ADSS ASN Suspension Clamp. If applicable, install coupling attachment hardware between the “ears” of the ADSS ASN Suspension Clamp. Hand tighten mounting hardware to engage threads with the ADSS ASN Suspension Clamp.
6. Using a torque wrench, torque Clamping Bolt on ADSS ASN Suspension Clamp until 20 ft-lbs has been achieved. Ensure ADSS ASN Suspension Clamp is not misaligned as shown in **Fig 3-2**.

### ADSS ASN Suspension Clamp Assembly

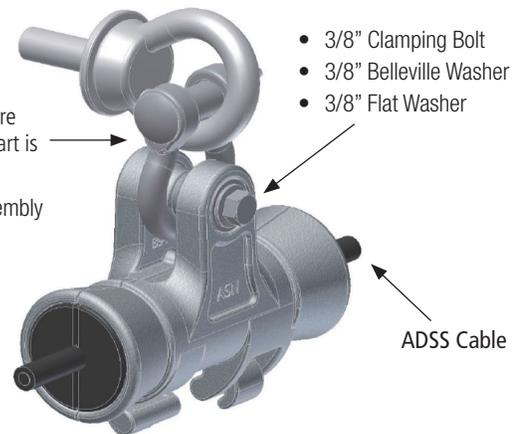
ADSS ASN Suspension Clamp shown installed on ADSS cable.



**Fig. 3-1**

The attachment hardware is only provided if the part is ordered as an assembly

- Anchor Shackle Assembly
- Oval Eye Nut
- Eye Bolt



**Fig. 3-2**

7. Install ADSS ASN Suspension Clamp Assembly to Oval Clevis Eye or other attachment hardware. Make final visual inspection on ADSS ASN Suspension Clamp to ensure that the assembly (groove-bushings) are not cocked or misaligned, but properly seated.

**Assembly is now complete.**