TECHNICAL PROPOSAL
For ADSS Strain Clamp
(Span length up to 70m)

1.0 Description

The following is the basic information about this ADSS transmission line:

Pole: Round wooden poles, diameter of installation point is about 250mm.

Span: The span length between the poles will be maximum 70 meters.

ADSS: Type A (G2-G12) with dia. 6mm, max pulling tension 1.3KN, 30kg/km

Type B (G24-G72) with dia. 10mm, max pulling tension 2.7KN, 77kg/km

Type C (G96) with dia. 11.5mm, max pulling tension 3.0KN, 101kg/km

Type D (G144-G216) with dia. 14.5mm, max pulling tension 3.3KN, 157kg/km

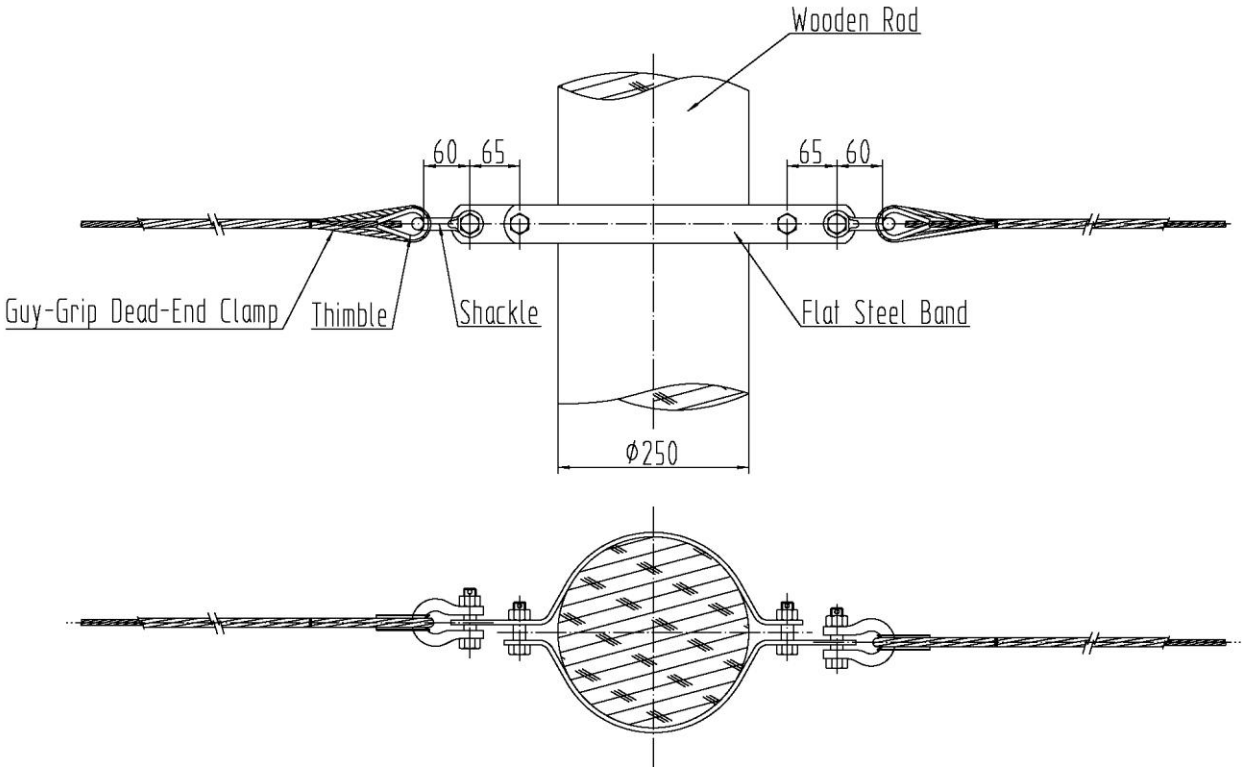
Environment: Normal Norwegian environment.

2.0 Proposal

2.1 Brief

We propose to use preformed strain clamp for the end connection between ADSS cable and wooden pole. This type of strain clamp can distribute radial pressure and pass axial pulling force equally. It also can provide safe and reliable grip force in the premise of protecting ADSS cable from damage during aerial installation and operation.

2.2 Assembly Diagram for strain clamp



2.3 Product Characteristics

2.3.1 The inner face of preformed dead end clamp wires will be sprayed with carborundum in order to increase the damping effect, through which ADSS are finely protected.

2.3.2 The ADSS will be protected well because stress is equally distributed in large touching area without intensive stress pivot.

2.3.3 The grip force is more than 75% RTS of ADSS.

2.3.4 All the materials are against corrosion and have long operation life.

2.3.5 Simple structure, easy installation. And free from special tools for installation and maintenance.

Remark: All Sizes and Values are Nominal Values.

-End of Specification-