Product Specifications

ACADSS series Anchoring Clamps
Short Span up to 90 m

Description

The ACADSS clamps are designed for dead-ending aerial ADSS cables on access networks where spans do not exceed 90 m. All parts are secured together to prevent any loss during installation. Different capacities are available to adapt to the cable diameter.

They consist of a conical body and wedges which hold the cables under tension while preserving the fibre properties.

Two models are available depending on the cable structure :

1- Compact series with 165 mm wedges for light ADSS cables up to 14 mm dia.
2- Standard series with 230 mm wedges for high fibre count ADSS cables up to 19 mm dia.

Features	Benefits
• Dead-ending of 6 to 19 mm ADSS cables • Minimum breaking load of 500/600 daN • Installation on any brackets, cross-arms or eye bolts with a min eye Ø of 15 mm • 4kV thimble as standard - 11 kV thimble available • All plastic parts are UV resistant	• Light and compact products • Easy, quick and safe dead-ending • Installation takes seconds – no tools requested • Flexible bail acts as a damper against galloping of cables in windy conditions • 4 kV insulation provided

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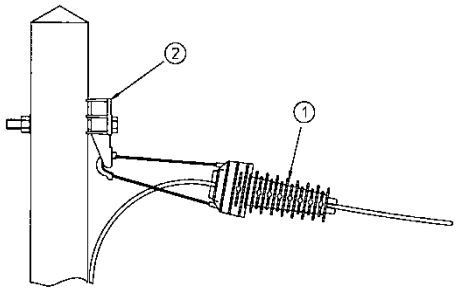
Application

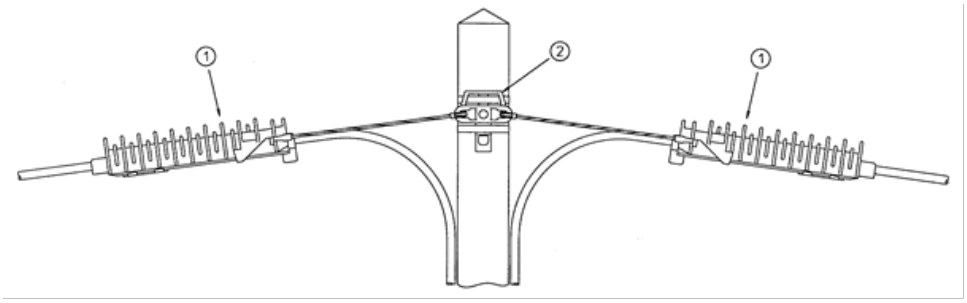
These clamps are used as cable dead-end at end poles for terminating the cable route (using one clamp).



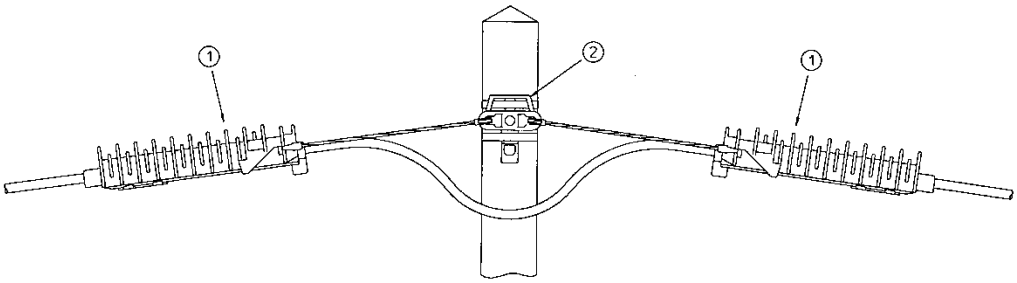
Single dead-end using (1) ACADSS clamp, (2) Bracket

Two clamps can be installed as double dead-end in the following cases:

- at jointing poles,
- at intermediate angle poles when the cable route deviates by more than 20°,
- at intermediate poles when the two spans are different in length,
- at intermediate poles on hilly landscapes,



Double dead-end using (1) ACADSS clamps, (2) Bracket



Double dead-end for tangent support at angle route using (1) ACADSS clamps, (2) Bracket

Testing

These products have been validated according to internationally recognised standards:

- Climatic ageing test according to NF EN C-20-540 standard dated June 2002.
- Corrosion test according to NF EN 60068-2-52 dated December 1996.
- Mechanical test according to France Telecom FT R&D/7890 dated July 2003.
- Vibration test according to France Telecom FT R&D/7890 dated July 2003 and NF EN 50289-3-13 dated August 2003.
- Insertion loss < 0.2 dB.

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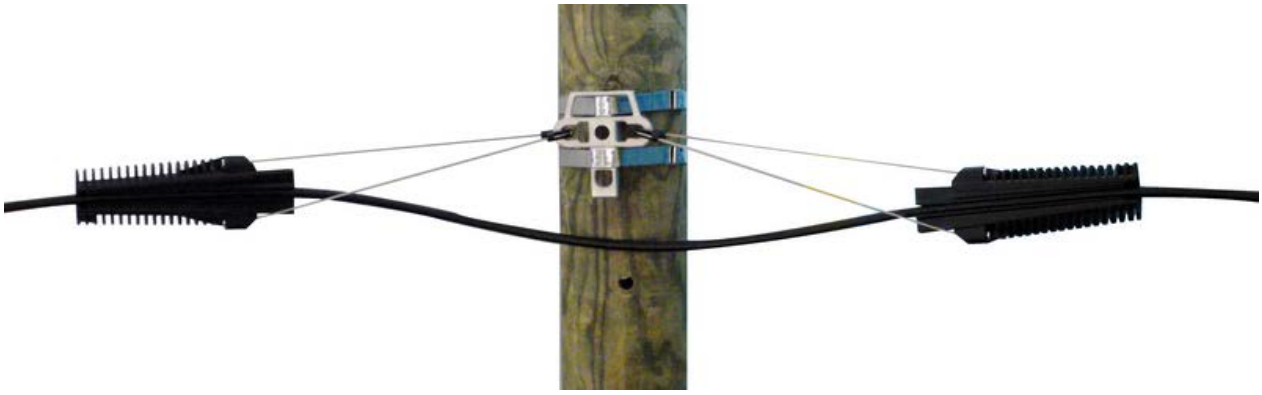
Installation procedure

Attach the clamp to the pole bracket using its flexible bail.

Place the clamp body over the cable with the wedges in their back position.

Push on the wedges by hand to initiate the gripping onto the cable.

Check the correct positioning of the cable between the wedges.



When the cable is brought to its installation load at the end pole, the wedges move further into the clamp body. When installing a double dead-end leave some extra length of cable between the two clamps.

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Characteristics

Compact series

Body	Body length	Wedges	Wedges length	Bail	Bail length	Mini. Breaking load*
UV protected thermoplastic	150 mm	UV protected thermoplastic	165 mm	Stainless steel	360 mm	500 daN

Standard series

Body	Body length	Wedges	Wedges length	Bail	Bail length	Mini. Breaking load
UV protected thermoplastic	200 mm	UV protected thermoplastic	165 mm	Stainless steel	360 mm	500 daN

(*) Value obtained on reference cable

Order information

Compact series

Part #	Designation	Cable Ø	Weight	Pack'g
09110	ACADSS 6	6 – 8 mm	0.18 Kg	50
1243	ACADSS 8	8 – 10 mm		
09419	ACADSS 12C	10 – 14 mm		

Standard series

Part #	Designation	Cable Ø	Weight	Pack'g
0318	ACADSS 10	8 - 12 mm	0.40 Kg	30
0319	ACADSS 12	10 - 14 mm		
1244	ACADSS 14	12 - 16 mm		
0321	ACADSS 16	14 – 18 mm		
0322	ACADSS 18	16 – 19 mm		

Left : single dead-end; Right :double dead-end

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