

Project:	ADSS, FV, ZL: TR Řípov - st.č. (span 56,6m)
Conductor / OPGW / ADSS	ADSS
Designation:	AT-5BE27DT-048-COAE (18kN / 27,78kN) -15,4 mmØ
Tension:	≤ 1,87 MPa
At the request of:	EGEM s.r.o.
Date:	04.06.2024
Internal request:	2024_087a

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1. Vibration damper types

Damper DB169126

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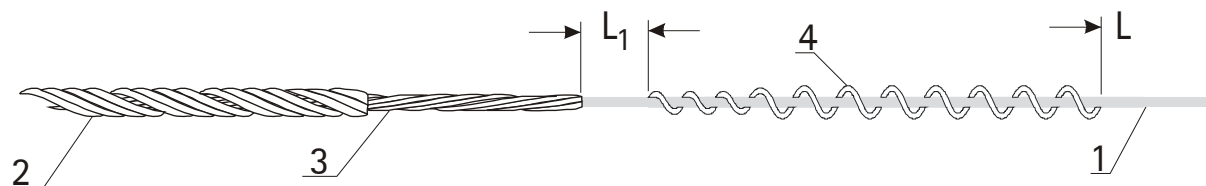
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2. Damper placement recommendation at tension tower



$L_1 = 0,2 \text{ m}$

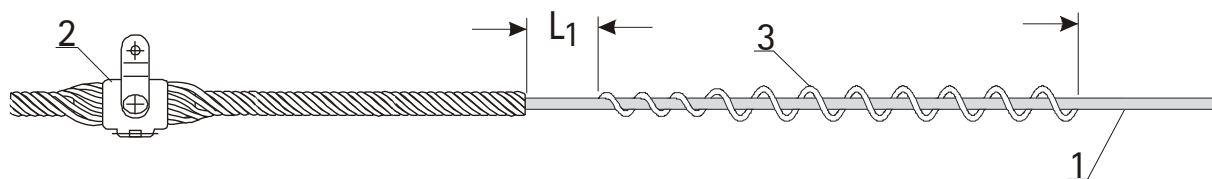
Tolerance for placement of dampers $\pm 0,01 \text{ m}$

Not to scale

1	ADSS	AT-5BE27DT-048-COAE (18kN / 27,78kN) -15,4 mmØ
2	Dead end	Consisting of
2	Thimble(without figure)	F02685A03
2	Dead end	AG220128s
3	Protection rod	URG160178LIS
4	Vibration damper ID	DB169126

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3. Damper placement recommendation at suspension clamps



$L1 = 0,2 \text{ m}$

Not to scale


Tolerance for placement of dampers $\pm 0,01 \text{ m}$

1	ADSS	AT-5BE27DT-048-COAE (18kN / 27,78kN) -15,4 mmØ
2	Suspension clamp consisting of clamping unit armour rods	Armor grip suspension unit LTA157180Li.S19 F13108-51A03 KA157180LIS
3	Vibration damper ID	DB169126

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4. Maximum span lengths protected

Spans between tension clamps, suspension clamps and Tension -Suspension clamps
(TT – TT, ST – ST and TT - ST)

Span type	span length m	Damper type at span end	Diagram (not to scale)	Damper type at span end
TT – TT	≤ 56,6	DB169126		-
ST – ST				
ST - TT				

Symbols: suspension or tension  damper

Damper DB169126

Damper distribution chart and quantities

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Project: ADSS, FV, ZL: TR Řípov - st.č. 1
OPGW: 1 x AT-5BE27DT-048-COAE (Ø15,4)



TT = tension tower X = damper
ST = suspension tower

dampers per conductor: 1 x DB169124
total (1 x): 1 x DB169124

Information:
The installation instruction applies only to the line and dampers indicated above.