

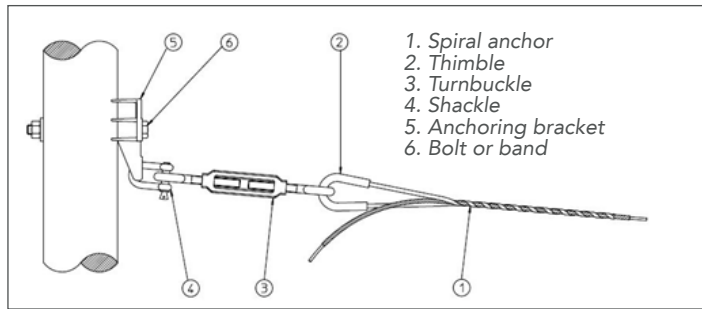
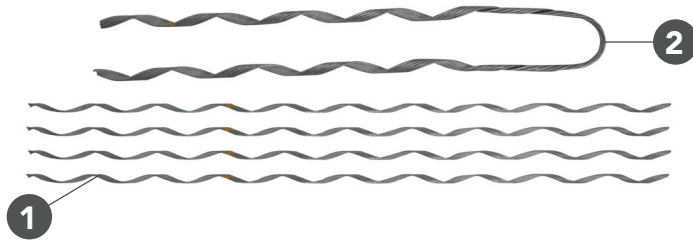
# TELENCO® GSDE AR

## HELICAL DEAD-ENDS WITH ARMOR RODS FOR MEDIUM SPANS



**LEGEND**

- 1 Armor rods
- 2 Spiral anchor



Telenco® GSDE AR helical dead-ends with protective armor rods have been engineered for the fixing of round ADSS cables from 10.5 to 18.6mm on distribution networks with span configurations of up to 180m. These spirals are made of two distinctive parts:

- Four protection armor rods to be installed on the cable first
- One helical dead-end to be installed on the armor rod

To mount helical dead-ends on pole brackets or cross-arms, related hardware fittings are mandatory and available to be ordered in addition such as:

- Thimbles for protecting the loop of each helical dead-end
- Turnbuckles or extension brackets used as spacers between the anchoring point and the pole hardware fitting, enabling thus to respect the cable's bending radius
- Shackles used as a link between the turnbuckle's eye or the extension bracket's hole and the pole hardware fitting's eye or hole

PN	MODEL	Ø CABLE	COLOUR	HELICAL DEAD-END TOTAL LENGTH	ARMOR ROD TOTAL LENGTH	⚖️	PACKG
7640	GSDE AR 1050	10.5 - 11.3mm	White	820mm	1015mm	1.53kg	2 units
7641	GSDE AR 1150	11.5 - 12.6mm	Yellow			1.57kg	
7642	GSDE AR 1250	12.5 - 13.6mm	Black			1.61kg	
7643	GSDE AR 1290	12.9 - 14.0mm	Green			1.63kg	
7644	GSDE AR 1350	13.5 - 14.5mm	Blue			1.65kg	
7645	GSDE AR 1420	14.2 - 15.2mm	Red			1.66kg	
0262	GSDE AR 1530	15.3 - 16.6mm	Brown			1.68kg	
09444	GSDE AR 1730	17.3 - 18.6mm	Black			1.73kg	

### INSTALLATION

- On end poles
- When the line is at an angle superior to 25° (instead of a suspension device) in order to preserve the cable through time
- If road crossing (mandatory cable stop on each pole on both sides of the road)
- In case of unbalanced adjacent spans (a span of 40m followed by a span of 30m, for example)
- If rugged terrain (line mountainside down, for instance)
- In alignment every 5 poles (if using suspension clamps on intermediate poles) or on every pole (double anchor).

## RELATED PRODUCTS

### Thimble

Telenco® thimbles provide for protection of helical dead-end loops. C-shape, hot dip galvanized steel construction.



PN	Ø CABLE		PACKG
0162	3-8mm	0.03 kg	50 units

### Shackle


Shackles are used as intermediate pieces between 2-eye turnbuckles and anchoring brackets mounted on pole. Telenco® shackles are made of hot dip galvanized steel. They are available in two different models, straight or lyre to meet specific performances' needs.



0170



5828


PN	MODEL	DIAMETER	MBL*		PACKG
0170	Straight	10mm	900daN	0.11kg	50 units
5828	Lyre	13mm	1500daN	0.36kg	25 units

\* Minimum breaking load

### Turnbuckle

Turnbuckles are used to adjust the tension of the cable, and hence the height of the span. This hardware also makes it possible to offset the helical dead-end from the anchoring bracket mounted on the pole in order to respect the cables' bending radius, notably in case of double anchoring. Hot dip galvanized steel construction. Fastens with M12 screws.

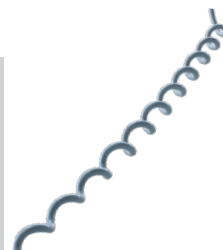



PN	MODEL	MBL*		PACKG
0150	2-eye	1000daN	0.53kg	25 units

\* Minimum breaking load

### Vibration dampers

Telenco® vibration dampers are designed to be installed on round fibre optic cables deployed on medium and long spans, from 90 up to 250m. These pole hardware fittings protect cables against wind vibrations. PVC made.



PN	MODEL	Ø CABLE		PACKG
09719	VIB064	6.4-8.3mm	0.27kg	10 units
09139	VIB083	8.3-11.7mm	0.28kg	
09140	VIB117	11.7-14.3mm	0.30kg	
09138	VIB143	14.3-19.3mm	0.60kg	

\* Minimum breaking load