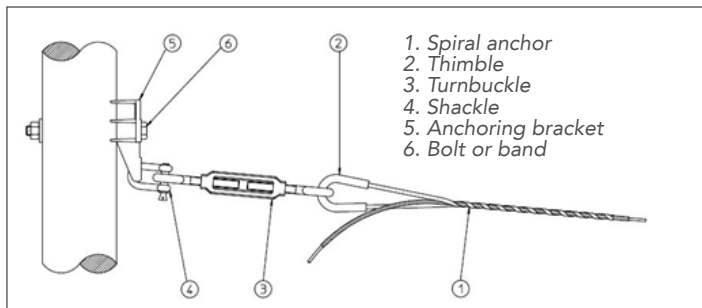
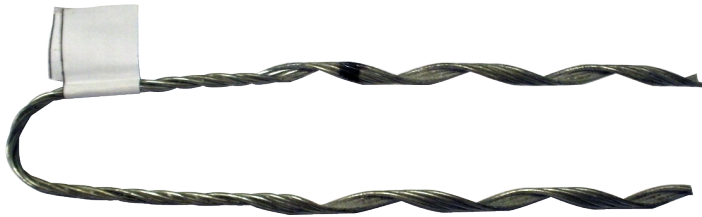


TELENCO® GSDE HELICAL DEAD-ENDS FOR SHORT SPANS



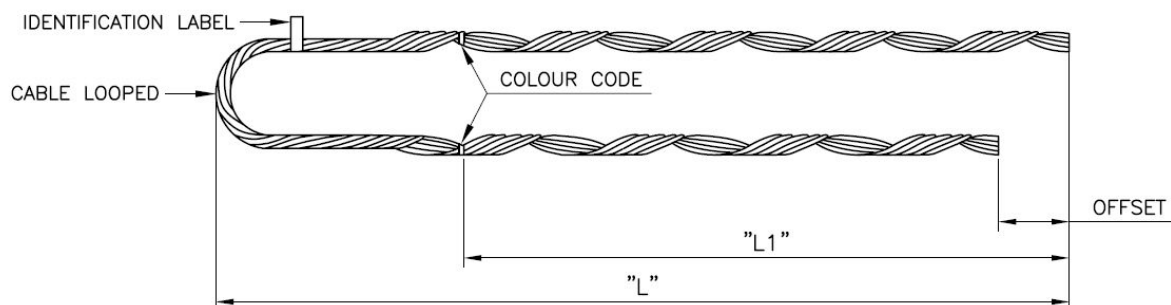
Telenco® GSDE hot-dip galvanised steel helical dead-ends have been engineered for fixing ADSS round cables from 4.5 to 19mm on telecommunications distribution networks with span configurations up to 90m and a maximum load of 3.5kN.

To attach these helical dead-ends to brackets or cross-arms installed on poles or towers, the following additional hardware fittings are highly recommended:

- 1 thimble for protecting the loop of the helical dead-end
- 1 turnbuckle for adjusting the cable's tension or used as a spacer between the anchoring point and the pole hardware fitting, enabling thus to respect the bending radius of the cable
- 1 shackle used as a link between the turnbuckle's eye and the pole bracket
- 1 bracket (anchoring bracket or double plate with ring) to be secured to the tower or the pole



PN	MODEL	ADSS Ø RANGE (mm)	LENGTH « L » (mm)	LENGTH « L1 » (mm)	COLOUR CODE		PACKG
09749	GSDE0450	4.5-5.0	450	290	Black	0.07kg	50 units
09129	GSDE0600	6.0-6.5	465	307	Yellow	0.08kg	
09735	GSDE0700	7.0-8.0	560	442	White	0.16kg	10 units
09060	GSDE1000	10.0-11.5	450	247	Green	0.20kg	2 units
09050	GSDE1150	11.5-13.0	550	347	Red	0.28kg	
09051	GSDE1300	13.0-14.5	590	367	Blue	0.40kg	
09061	GSDE1450	14.5-16.0	630	427	Black	0.45kg	
09062	GSDE1600	16.0-17.5	680	477	Brown	0.46kg	
09063	GSDE1750	17.5-19.0	720	517	Orange	0.60kg	



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 anchoring)

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 Telenco® 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