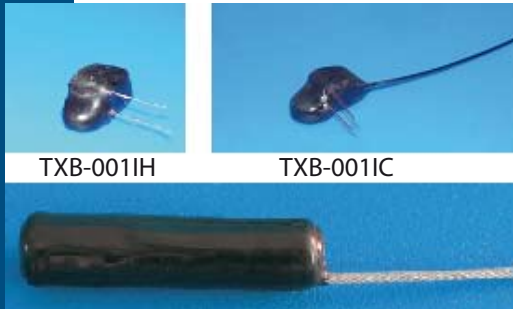


# SNAKE



TXB-001IH

TXB-001IC



TXE-315IC

TXE-125IH

TXE-311IH

TXE-315IH

TXE-317IH

TXE-335IH

Implants are the most widely used option for snakes, but also glued or ingested options are becoming widely accepted. Transmitter's characteristics are the same regardless of the preferred method, therefore these can all be referred as "Implants". There are 2 options regarding the type of antenna used:

IC - Implant with Cable antenna: External type of antenna which can be of different lengths. The longer the antenna the better detection range. The cable can be implanted subcutaneous or can be totally external.

IH - Implant with Helix internal antenna: The total length of the antenna is coiled inside the housing so it can not be seen and the entire transmitter looks like a capsule with nothing protruding. This option causes a very important decrease in signal strength because of the shape of the antenna, and body mass if implanted or ingested.

Backpack model could be suggested for longer term studies that prefer external options, as it includes 2 holes for better attachment. For the list of Backpack models please download this file: [www.telenax.com/English/Products/Backpack.pdf](http://www.telenax.com/English/Products/Backpack.pdf)

Model	Weight [gr] for C - Cable antenna	Housing dimensions [mm] (dia=diameter) for C - Cable antenna	Weight [gr] for H - Helix internal antenna	Housing dimensions [mm] (dia=diameter) for H - Helix internal antenna	RANGE vs LIFE			PRICE
					Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y- Years)	Pulse width [ms] @ Pulses Per	
TXB-001I	0.6	11x7x6	0.7	11x7x6	4	14 D	25 @ 40	A
TXB-002I	0.7	12x7x6	0.75	12x7x6	4	20 D	25 @ 40	A
TXB-003I	0.8	12x7x6	0.8	12x7x6	4	28 D	25 @ 40	A
TXB-004I	0.9	13x7x6	1	13x7x6	4	35 D	25 @ 40	A
TXB-005I	1.4	15x9x7	1.4	15x9x7	4	50 D	25 @ 40	B
TXB-006I	1.8	17x9x7	1.7	17x9x7	4	80 D	25 @ 40	B
TXB-007I	3	19x10x10 -o-	2.9	19x10x10 -o- 10diax17	4	4 M & 15 D	25 @ 40	A
TXB-008I	4.4	26 x 14 x 8	4.2	26 x 14 x 8	4	7 M & 5 D	25 @ 40	A
TXB-009I	5.2	26x14x9	5	26x14x9	4	10 M & 25 D	25 @ 40	A
TXB-110I	2.2	20 x 9 x 7	2	20 x 9 x 7	20	27 D	25 @ 40	A
TXE-110I	2.4	20 x 11 x 7	2.2	20 x 11 x 7	30	9 D	30 @ 40	A
					25	14 D	20 @ 40	
						20 D	20 @ 30	
TXB-112I	2.7	15 x 14 x 8	2.5	15 x 14 x 8	20	45 D	25 @ 40	B
TXE-112I	2.9	15 x 16 x 8	2.7	15 x 16 x 8	30	15 D	30 @ 40	B
					25	22 D	20 @ 40	
						28 D	20 @ 30	
TXB-116I	4.7	18dia x 9 -o- 27 x 18 x 7	4.5	18dia x 9 -o- 27 x 18 x 7	20	4 M	25 @ 40	B
TXE-116I	5.1	18dia x 11 -o- 29 x 18 x 7	4.9	18dia x 11 -o- 29 x 18 x 7	30	31 D	30 @ 60	B
						45 D	30 @ 40	
					25	65 D	20 @ 40	
						85 D	20 @ 30	

Model	Weight [gr] for C - Cable antenna	Housing dimensions [mm] (dia=diameter) for C - Cable antenna	Weight [gr] for H - Helix internal antenna	Housing dimensions [mm] (dia=diameter) for H - Helix internal antenna	RANGE vs LIFE			PRICE
					Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	
TXB-120I	6	21 dia x 9	7.5	21 dia x 12	20	7M & 10 D	25 @ 40	B
TXE-120I	6.7	21 dia x 10	8.3	21 dia x 13	30	50 D	30 @ 60	B
						73 D	30 @ 40	
					25	3 M & 15 D	20 @ 40	
						4 M & 15 D	20 @ 30	
TXE-203I	8	19 x 19 x 14	9.5	19 x 19 x 19	30	70 D	30 @ 60	D
						3 M & 10 D	30 @ 40	
					25	4 M & 25 D	20 @ 40	
						6 M & 5 D	20 @ 30	
TXE-304I	8.5	12dia x 34	10	12dia x 42	30	95 D	30 @ 60	C
						4 M & 15 D	30 @ 40	
					25	6 M & 15 D	20 @ 40	
						8 M & 10 D	20 @ 30	
TXE-207I	13.5	20 x 29 x 13	15	20 x 29 x 18	30	5 M	30 @ 60	D
						7 M & 7 D	30 @ 40	
					25	10 M & 10 D	20 @ 40	
						13 M & 10 D	20 @ 30	
TXE-124I	13.5	27dia x 11	15	27 dia x 16	30	3 M & 25 D	30 @ 60	C
						5 M & 15 D	30 @ 40	
					25	7 M & 25 D	20 @ 40	
						10 M	20 @ 30	
TXE-125I	17	27dia x 14	19	27dia x 19	30	6 M & 20 D	30 @ 60	C
						9 M & 20 D	30 @ 40	
					25	13 M & 25 D	20 @ 40	
						17 M & 20 D	20 @ 30	
TXE-311I	17	17dia x 40	17	17dia x 48	30	9 M & 20 D	30 @ 60	D
						14 M	30 @ 40	
					25	19 M & 20 D	20 @ 40	
						2 Y & 20 D	20 @ 30	
TXF-311I	17	17dia x 40	17	17dia x 48	40	6 M	50 @ 60	D
						8 M & 25 D	50 @ 40	
TXE-315I	27	17dia x 68	26	17dia x 76	30	21 M & 5 D	30 @ 60	D
						2 Y & 6 M	30 @ 40	
					25	3 Y & 6 M	20 @ 40	
						4 Y & 6 M	20 @ 30	
TXF-315I	27	17dia x 68	26	17dia x 76	40	13 M	50 @ 60	D
						19 M	50 @ 40	
TXE-317I	55	17 x 63 x 30	57	17 x 73 x 30	30	3 Y & 6 M	30 @ 60	E
						5 Y	30 @ 40	
					25	7 Y	20 @ 40	
						9 Y	20 @ 30	
TXF-317I	55	17 x 63 x 30	57	17 x 73 x 30	40	2 Y & 2 M	50 @ 60	E
						3 Y & 55 D	50 @ 40	
TXE-335I	73	28dia x 61	75	28dia x 68	30	3 Y & 10 M	30 @ 60	E
						5 Y & 6 M	30 @ 40	
TXF-335I	73	28dia x 61	75	28dia x 68	40	2 Y & 5 M	50 @ 60	E
						3 Y & 6 M	50 @ 40	
TXE-345I	120	36dia x 73	122	36dia x 80	30	8 Y & 8 M	30 @ 60	E
						12 Y & 6 M	30 @ 40	
TXF-345I	120	36dia x 73	122	36dia x 80	40	5 Y & 5 M	50 @ 60	E
						7 Y & 11 M	50 @ 40	
Model	Weight [gr] for C - Cable antenna	Housing dimensions [mm] (dia=diameter) for C - Cable antenna	Weight [gr] for H - Helix internal antenna	Housing dimensions [mm] (dia=diameter) for H - Helix internal antenna	RANGE vs LIFE			PRICE
					Range Without obstacles [km]	Lifetime (D-Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	

**Sensors:**

- TXB Models: No sensors available.
- TXE & TXF Models: Any of the following sensors available:
  - Activity / Inactivity
  - Mortality
  - Position

**Activation:**

- By removing a magnet.
- TXB-001 to TXB-004, TXB-110 & TXE-110: Activation is made by soldering two wires. Activation by magnet can be included but this will cause a small increase in weight and dimensions.

**Weight and dimensions:**

- Dimensions include electronics, battery and housing. Antenna included only on Implant Helix.
- Weight includes all parts forming the system.

**Range:**

- Without obstacles or LOS (Line of Sight). Detection range under ideal conditions including there are no obstacles between the transmitter and the receiving antenna.

**Lifetime:**

- Life is calculated over a mean temperature of 20° C (68° F).

**Refurbishment:**

- Once used, all our models are susceptible of refurbishment for a fraction of the cost of a new one.

**Frequencies:**

- Any frequency between 148 and 174 MHz. Frequencies between 216 to 222 MHz available except on models which start with TXB-0.

**Warranty:**

- Same time as estimated battery lifetime; minimum 2 months, maximum 18 months.

**Price:**

In order to get the price list please follow this link:

<http://www.telenax.com/English/Products/Prices.pdf>