



VIVAX

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UTILITY SOLUTIONS
281-969-8530

Transmitter Signal Clamps

Technical Specifications V2.8



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A. Typical Applications

Item	Parameter
Description	Transmitter Signal Clamp (aka Ring clamp or Coupler)
Uses	The signal clamp provides an efficient and safe method of applying a locate signal to a buried utility.

B. 2-inch / 50mm Signal Clamp (VX2/50)

Item	Parameter
Description	2-in / 50mm Signal Clamp (VM2/50)
Construction	Nylon with glass fibers and Kevlar-reinforced cable
Maximum Utility Diameter	2-in / 50mm
Weight	With 4m lead* - 1.26lbs / (0.57kg) With 7m lead* - 1.59lbs / (0.72kg)
Dimensions	7.5in(L) x 4.4in(W) x 1.3in(H) / (190mm x 113mm x 33mm)
Cable Length*	13-ft / (4m) or 23-ft / (7m) *
Compatible Accessories	Clamp extension rod

C. 4-inch / 100mm Signal Clamp (VX4/100)

Item	Parameter
Description	4-in / 100mm Signal Clamp (VM4/100)
Construction	High-impact ABS injection molded housing with Kevlar-reinforced cable
Maximum Utility Diameter	4-in / 100mm
Weight	With 4m lead* - 1.67lbs / (0.76kg) With 7m lead* - 2.07lbs / (0.94kg)
Dimensions	9.3in(L) x 5.8in(W) x 1.3in(H) / (235mm x 147mm x 33mm)
Cable Length*	13-ft / (4m) or 23-ft / (7m) *
Compatible Accessories	Clamp extension rod

D. 5-inch / 125mm SiS Clamp (VX5/125 SiS)

Item	Parameter
Description	5" / 125mm SiS Clamp (SiS) Low-frequency clamp used for Signal Select (SiS) and Signal Direction (SD) applications.
Construction	High-impact ABS injection molded housing with Kevlar-reinforced cable

Maximum Utility Diameter	5-in / 125mm
Weight	3.5lbs / (1.6kg)
Dimensions	15in(L) x 8.1in(W) x 2.2in(H) / (380mm x 205mm x 55mm)
Cable Length*	14.7-feet / 4.4m

E. 5-inch / 125mm Signal Clamp (VX5/125)

Item	Parameter
Description	5-in / 125mm Signal clamp (VX5/125)
Construction	High-impact ABS injection molded housing with Kevlar-reinforced cable
Maximum Utility Diameter	5-in / 125mm
Weight	With 4m lead* - 1.76lbs / (0.80kg) With 7m lead* - 2.11lbs / (0.96kg)
Dimensions	10.6in(L) x 6.7in(W) x 1.6in(H) / (270mm x 170mm x 40mm)
Cable Length*	13-ft / (4m) or 23-ft / (7m) *
Compatible Accessories	Clamp extension rod

F. 9-inch / 228mm Signal Clamp (VX9/230)

Item	Parameter
Description	9-in / 230mm Signal clamp (VX9/228)
Construction	High-impact ABS injection molded housing with Kevlar-reinforced cable
Maximum Utility Diameter	9-in / 225mm
Weight	With 4m lead* - 3.53lbs / (1.8kg)
Dimensions	17.7in(L) x 11.5in(W) x 1.8in(H) / (450mm x 293mm x 47mm)
Cable Length*	13-ft / (4m)
Compatible Accessories	Clamp extension rod

G. Flexible 18-inch/450mm Signal Clamp (VX18/450F)

Item	Parameter
Description	18-in / 450mm Flexible Signal Clamp
Construction	POM (Polyoxymethylene) with Kevlar-reinforced cable
Maximum Utility Diameter	18-in / 450mm

Weight	1.75lbs / (0.78kg)
Dimensions	1.2-in(D) x 53-in(L) / (30.2mm x 1.3m)
Cable Length	16-ft / (4.8m)

H. Operational

Item	Parameter		
Clamp Mode	The clamp icon on the transmitter LCD confirms the clamp mode is active. Clamp mode is automatically selected when the clamp is plugged into a transmitter.		
Frequency Range	2"/50mm	4"/100mm	5"/100mm SiS
	8.19kHz to 83.1kHz	8.19kHz to 200kHz, *SiS 8.44 kHz, SiS 9.82 kHz	SiS491Hz, SiS982Hz, SiS8.44 kHz, SiS9.82 kHz.
	5"/125mm	9-inch / 228mm	Flexible
	8.19kHz to 200kHz *SiS 8.44 kHz, SiS 9.82 kHz	8.19kHz to 200kHz *SiS 8.44 kHz, SiS 9.82 kHz	33kHz, 83.1kHz
Compliance	CE/FCC		
Compatible Transmitters	2-Inch/50mm - Loc Series, Loc3 Series and VM Series Transmitters 4-Inch/100mm - Loc Series, Loc3 Series and VM Series Transmitters 5-Inch/125mm SiS Clamp - Loc-10SiSTx and Loc3-10SiSTx 5-Inch/125mm - Loc Series, Loc3 Series and VM Series Transmitters 9-Inch/228mm - Loc Series, Loc3 Series and VM Series Transmitters Flexible Clamp - Loc Series, Loc3 Series and VM Series Transmitters		

I. Characteristics

Item	Parameter
Environmental	IP65
Manufacturing	ISO 9001:2015
Temperature Range	Operating: -4°F to 122°F (-20°C to 50°C) Storage : -40°F to 140°F (-40°C to 60°C)
External Connectors	Female 4-pole speakON® plug or 3-pin XLR Plug

J. Shipping Weight and Dimension

Item	Parameter			
Shipping Weights and Dimensions	Clamp Size	4m/13ft lead	7m/12ft lead	Dimensions
	2-inch / 50mm	1.96lbs. / (0.89kg)	2.29lbs. / (1.04kg)	14-in x 8-in x 3-in / (356mm x 203mm x 76mm)
	4-inch / 100mm	2.18lbs. / (0.99kg)	2.56lbs. / (1.16kg)	14-in x 8-in x 3-in / (356mm x 203mm x 76mm)
	5-inch / 125mm SiS	3.97lbs. / (1.8kg)	/	16-in x 8.5-in x 3-in / (400mm x 215mm x 80mm)
	5-inch / 125mm	2.27lbs. / (1.03kg)	2.62lbs. / (1.19kg)	14-in x 8-in x 3-in / (330mm x 203mm x 76mm)
	9-inch / 228mm	4.85lbs. / (2.2kg)	/	18-in x 12-in x 2-in / (465mm x 305mm x 55mm)
	4-inch / 100mm SiS	14.7-ft / 4.5m lead - 3lbs. (1.8kg)		14-in x 9-in x 3-in / (356mm x 229mm x 76mm)
	Flexible 18-inch/450mm	16-ft / 4.8m lead - 2.3lbs. (1.04kg)		13-in x 11-in x 4-in / (356mm x 279mm x 102mm)

K. Warranty

Item	Parameter
Warranty	12 months

Cable Length* - Cable lengths may be limited by region. Not all lengths may be available in each region.

Disclaimer: Product and accessory specification and availability information are subject to change without prior notice.

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