

Ultra-High Voltage Sensor

Optical Means of High Reliability

- Up To 300KV
- High Accuracy: +- 0.5%
- Zero Phase Shift
- Self-Powered
- Bluetooth Data Interface
- Lightweight

Based on a patent pending optical sensor design, the HVSS provides a means to reliably and precisely measure ultra-high voltage. The all dielectric sensor configuration intrinsically eliminates the concern of arcing often associated ultra-high voltage environments. It uniquely offers many advantageous features: accurate voltage measurement with zero phase shift and low noise flat response through 20th harmonic; lightweight; inductance based self-powered build-in. The design is an all-in-one unit that can be directly mounted onto a high voltage conductor cable. Custom configurations are available, including fiber readout, blue tooth communication to an adjacent transmission unit.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Measured Voltage	up to 250kV
Voltage Accuracy	<+-0.5%
Phase Shift	0
Insulation Class	35kV
Power	Self
Communication	Bluetooth
Operating Temperature	-45to + 65°C
Weight	9 lbs
Conductor Diameter Range	0.25 -2 inch



ORDER INFORMATION

HVSS-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Type	Voltage	Current	Selfpower	Bluetooth	Conductor D	0
	300 Special=000	15kv=1 25kv=2 35kv=3 45kv=4	Yes =1 No = 0	Yes=1 No=0	Yes=1 No=2	0.25inch=1 0.45inch=2 0.65inch=3 0.85inch=4 1.05inch=5 1.25inch=6 1.45inch=7 1.65inch=8 1.85inch=8 2inch=9	