

## **Diamond Knowledge Base**

### **NORTH AMERICAN PHILIPS (Unencapsulated Sensors)**

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The bare piezo electric axle sensors differ from the Philips aluminum channel encapsulated sensor by having a rigid copper tubing outside sheath. Sensor may be installed in 3/4" (2 cm) wide x 3/4" (2 cm) deep slot cut across the pavement.

Sensors come with standard 100" (32 meters) of coaxial cable.

Available in diameters of 1mm and 6mm x 6' and 12' lengths for Class II axle sensing.

Available in diameters of 8mm in 6' and 11'6" for class I WIM grade axle sensors.

<http://support.diamondtraffic.com/knowledgemanager/questions/82/>