

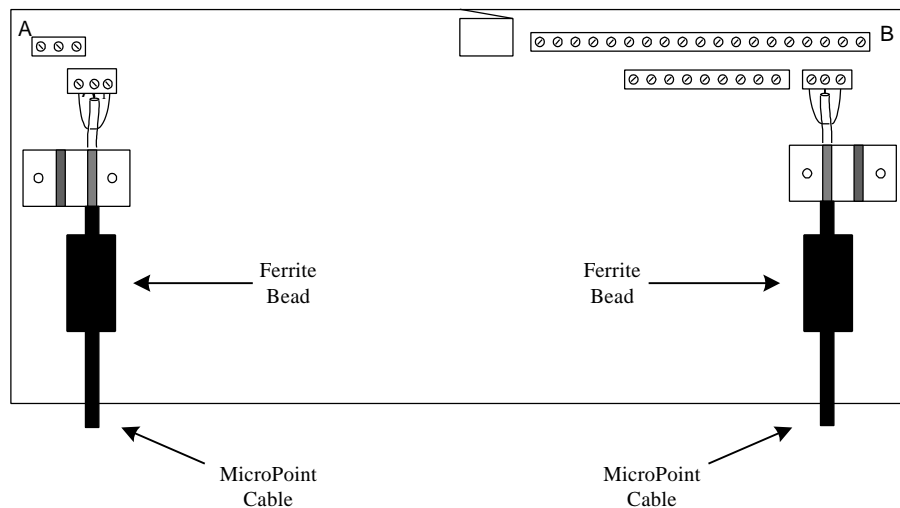
TECHNICAL NOTE # 216

RE: MicroPoint Cable, Ferrite Bead Installation
Date: September 29, 2003

In order to meet EMI/RFI specifications for the European CE standards, ferrite beads are shipped with each Processor Module sold to the international market. The Processor Module without the ferrite beads meets FCC standards. The ferrite beads are used to reduce spurious emissions from the Processor Module circuit card.

The MicroPoint cable will be fed into the Processor Module enclosure then through the ferrite bead so it sits below the strain relief block and the bottom of the enclosure. The MicroPoint cable will be prepared and connected to the Processor Module circuit card. One bead will be used for each cable. If armored MicroPoint cable is being used, the outer jacket and the armor will need to be removed to allow room for the ferrite bead.

The diagram below illustrates the location of the ferrite beads in reference to the Processor Module circuit card.



Processor Module Circuit Card with Ferrite Beads Installed on MicroPoint Cable