

## TECHNICAL NOTE # 215

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**RE: MicroPoint Cable, Attenuator Boards and PM Board Matrix**  
**Date: October 9, 2002**

Attenuator boards have been supplied with the MicroPoint Cable, Models MC105, MC305, MC110 and MC310 for many years. The attenuator was required to provide proper signal attenuation between the Processor Module electronics and the gain of the cable. Improvements in the manufacturing design have taken the MicroPoint cable to the next level (Models MC115 and MC315) and the PM electronics to the next revision.

The new revision of PM board (F or higher) will be used with the MC115 and MC315 MicroPoint cable with no attenuators. When using this board with earlier versions of MicroPoint cable, attenuators will still be required.

Below is a chart showing which attenuator board is used with each revision level of PM and model of MicroPoint cable.

The Version 3.0 software attenuation setting found in the PM Ctrl tab (Cable A Gain and Cable B Gain Low/High) of the Site Data should be set to High when using Rev F or higher boards with the MC115 or MC315 MicroPoint Cable.

Please note that these are the nominal starting points. Depending on actual site conditions more or less attenuation may be required.

Board Revision	MicroPoint Cable with Attenuator			
	MC100/300	MC105/305	MC110/310	MC115/315
E or Lower	None	6/9dB	12/24dB	6/9dB
F or Higher	6/9dB	6/9dB	6/9dB	None