

# VARI-E-Q™ SERIES

## Universal EQ & CS

870 MHz & 1 GHz

- Patent Pending NEW equalizer & cable simulator design
- Universal EQ & CS replacement
- One EQ covers required range for all modules
- Extremely flat repeatable response over full range
- A flat screwdriver is the only tool required

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## "Plug in ONCE"

Continuously variable dB values!

Save money & time while eliminating signal drop outs!

**Lifeline** - no signal drop out when changing dB values!

- Return loss 50 MHz to 1 GHz
- Cable Equalizer 0 - 20 dB, Cable Simulator 2 - 11 dB range
- Flatness Response +/- .5 dB 50 MHz to 1 GHz
- Accurately set the EQ or CS dB value +/- .5 dB
- Response within +/- .5 dB of stand alone equalizers
- Less than 1 dB insertion loss at 1 GHz

### SA/Cisco



### GI/Motorola



### C-Cor/Arris

# VARI-E-Q™ SERIES



**SA/Cisco**



**C-Cor/Arris**



**GI/Motorola**

## 1 GHz Forward Cable Equalizers

Insertion loss: **1 dB** (at 1003 MHz)  
 Passband Flatness: **+/- 0.75 dB** cable equivalent  
 Return Loss I/O: **16/16 Db**

### Mainline Part Numbers:

- SA/Cisco: MSAGMVEQ1000
- GI/Motorola: MGIVEQ1000
- C-COR/Arris: MCCRVEQ1000

## 1 GHz Forward Cable Simulators

Insertion loss: **1 dB** (at 50 MHz)  
 Passband Flatness: **+/- 0.75 dB** cable equivalent  
 Return Loss I/O: **16/16 dB**

### Mainline Part Numbers:

- SA/Cisco: MSAGMVCS1000
- GI/Motorola: MGIVCS1000
- C-COR/Arris: MCCRVCS1000

*Note: Measurements on individual forward equalizers may differ slightly from these values.*

## Design Features:

- Much flatter system response is now possible
- Save money & time while eliminating signal drop outs
- No Pads to change
- Just turn the dial to set dB value
- No break in Lifeline service

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