



The Belar SCM-2 SCA Modulation Monitor, when added to the Belar FMM-2 Modulation Monitor or the Belar FMM-1 Frequency and Modulation Monitor, provides complete monitoring and test functions for SCA storecasting, data transmission and remote telemetering applications. Up to four frequency switch positions allow four channels to be operated and tested. The first switch position is preset to 67 kHz.

Features include two deviation ranges for optimum operation of a particular subcarrier. The variable deviation feature offers a range of 2 kHz to 7 kHz for your particular needs. Normal operation (6 kHz deviation) is for storecasting and other background programming applications. The digital discriminator is wideband for minimum distortion. Maximum versatility is thus provided for future applications as well as for present needs.

The SCM-2 features unlimited SCA frequency selection by incorporating interchangeable clock oscillators into its unique design. Select the frequencies best suited to your application. Monitor four channels by means of push-button selection. The front panel push-button digital modulation calibrator allows the calibration accuracy to be checked at any time.

Modulation Meter Range	133% to 80 dB absolute value for peak monitoring autoranging for test measurements
SCA Modulation Sensitivities	100% = 6 kHz or variable 2kHz to 7kHz
SCA Modulation Calibrator	6 kHz
SCA Subcarrier	24 kHz to 125 kHz, 67 kHz and 3 additional switched positions

(specify frequencies)

SCA Injection Level	133% to 1%
Internal Crosstalk	
Sub to Main	80 dB
Main to Sub	Better than 60 dB
Stereo to Sub	Better than 60 dB
Remote Metering	Modulation meter may be remotely metered, 5000 ohms external loop resistance
Dimensions	5.25"H x 10.5"D x 19"W (EIA Rack Mount)
Power Requirements	110/220 VAC, 50/60 Hz
Shipping Weight	14 lbs