



Don't open your *door* to the unknown



SLM- 1A

RF Signal Meter

Built for precise field testing, the SLM-1A is a handheld, precise, portable signal meter with features never before offered on a meter this affordable. The SLM-1A signal meter instantly, accurately checks signal strength directly from your cable provider or at any point throughout your distribution network. We include information such as cable loss charts, ideal signal strength range and more to help determine where (if at all) amplification is needed. This is an invaluable tool that can ascertain whether or not your CATV wiring is troublefree from the moment it enters the premises.

Features

Channel Selectable: The SLM-1A provides you with a precise reading for each channel or frequency, not simply an average of all channels. With digital cable this information is more valuable than ever.

Compare Channels: Although cable providers strive to give each customer uniform signal strength, it rarely occurs. Seldom will you find the strength of channels in the 100's as strong as the lower channels. The SLM-1A allows you to view multiple channels with its large LCD screen giving you 'slope' or 'tilt' from your provider.

Information you need: Simply connect your RF feed to the SLM-1A and you have db level for video and audio, frequency (MHz), signal to noise ratio and video to audio ratio. Select and compare by frequency or by channel instantly.

Built for the field technician: The SLM-1A RF meter works outside or inside with operating temperature as low as -30°C. The SLM-1A comes with fully rechargeable lithium battery and features battery signal strength meter, carrying case and more.

Specifications

| SLM-1A | |
|----------------------------------|--|
| Channel range | 2 to 134 NTSC CATV 14 to 83 Off Air/ ATSC |
| Frequency range | 46 to 870MHz |
| Accuracy | 1.5dBuV |
| Input impedance | 75 Ohm F connector |
| Measuring characteristics | Single channel, multiple channel |
| Wave Detection | Peak Value |
| Displayed information | dB, Mhz Signal to noise ratio Video to audio ratio Tilt/Slope |
| Display | Digital LCD |
| Approximate usage time | 4.5 hours |
| Power source | Internal Rechargeable Battery Ni-Hy DC 7.2V/1.6Ah |
| Charging duration | 12 to 14 hours |
| Power adaptor | Plug in AC120VAC/50Hz |
| Operating Temperature | -20°C to +40°C |

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| COAXIAL CABLE ATTENUATION (LOSS) in Decibels (dB) | | | | | | | | | |
|---|-------|-------|--------|-----------|----------|---------------|-------|-------|--------|
| 100 FEET (ft) | | | | FREQUENCY | CHANNEL | 30 METERS (M) | | | |
| RG59/U | RG6/U | RG7/U | RG11/U | MHz | N# | RG59/U | RG6/U | RG7/U | RG11/U |
| 0.77 | 0.57 | 0.56 | 0.36 | 7 | T7 | 0.23 | 0.17 | 0.17 | 0.11 |
| 1.88 | 1.5 | 1.22 | 0.95 | 55 | 2 | 1.85 | 1.48 | 1.2 | 0.94 |
| 3.89 | 3.12 | 2.49 | 1.98 | 250 | 29 (P) | 3.83 | 3.07 | 2.45 | 1.95 |
| 4.27 | 3.43 | 2.74 | 2.17 | 300 | 37 (AA) | 4.2 | 3.38 | 2.7 | 2.14 |
| 4.88 | 4 | 3.2 | 2.53 | 400 | 54 (RR) | 4.8 | 3.94 | 3.15 | 2.49 |
| 5.5 | 4.51 | 3.61 | 2.85 | 400 | 70 (HHH) | 5.41 | 4.44 | 3.55 | 2.81 |
| 5.9 | 4.76 | 3.8 | 3.01 | 550 | 78 (PPP) | 5.81 | 4.69 | 3.74 | 2.96 |

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