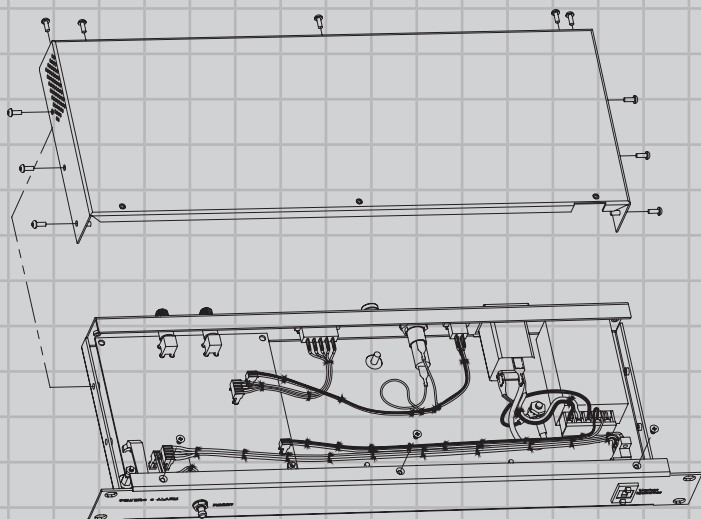


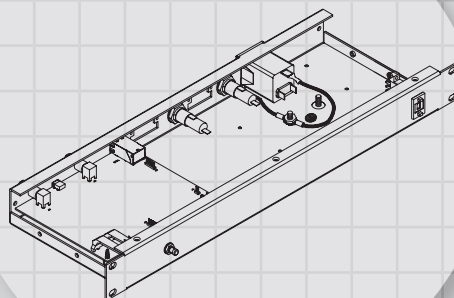
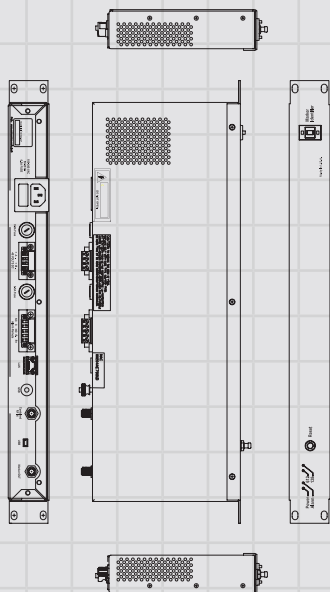
MODEL

QAM Marker



ComSonics, an employee owned company, is the global leader in proactive plant maintenance, providing solutions to ensure HFC plant integrity and performance improvement. We offer solutions and simple-to-use tools to improve drop integrity and provide ingress mitigation.

ComSonics' QAM Marker generates a non-interfering marker signal that is inserted into the downstream cable channels.



- unique signal source
- distinguishes leaks in an overbuild area
- typically installed at a headend or hub site
- configurable to support up to three co-located CATV systems
- partners with the remaining QAM product suite to provide a controlled test signal in a cable plant carrying digital QAM signals

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PRODUCT SOLUTIONS

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Mechanical

Connectors

- RF input: type "F"; combined RF input
- RF output: type "F"; marker output
- fault alarm remote access: C, NO, NC, reset
- Phoenix MSTB2, 5/5-STF-5.08

Indicators

- power applied/on
- fault alarm tripped

Dimensions

- 1U - 19" rack mount; 16.75"W x 6.75"D x 1.75"H

Environmental

- AC power: 100 ~ 240 VAC, 50 ~ 60 Hz, < 15 Watts
- DC power: -48VDC, <15 Watts
- operating temperature range
 - » 32°F to +122°F
 - » 0°C to +50°C
- storage temperature range
 - » -20°F to +140°F
 - » -29°C to +60°C
- UL 60950-1: CSA C22.2 No. 60950-1

Electrical (75 Ω nominal)

Operating Frequency	B1 Option 1: 132.50—140.50 MHz B1 Option 2: 259.00—271.00 MHz
	B2: 600.00—1000.00 MHz
	Accuracy: ± 100 Hz
Marker Output Signal	DSB-SC (Double Sideband Suppressed Carrier)
Marker Spacing	Positions 1-3 for Overbuild
Accuracy	+0, -1.0 dB
Input Range	-20 to +30 dBmV (combined RF containing marker)
Marker Output Level*	-10 to +35 dBmV Carrier Suppression: > 52 dBc Spurious: fc > ± 2.0 kHz; -60 dBz

* referenced to RMS power of adjacent QAMs
CE Compliant

ComSonics also offers:



QAM Sniffer



QAM Shadow



Genacis QS



QAM Compass



M3 — Mini
Mobile Marker