



Fixed Frequency Drivers

| Driver Model Number | FFF-500-A-F1 | FFF-1000-A-F1 |
|----------------------|---|----------------------|
| AO Frequency Shifter | IPF-500-3FP | IPF-1000-3FP |
| Frequency | 500 MHz | 1000 MHz |
| Frequency Control | Quartz crystal referenced phase locked loop | |
| Frequency Accuracy | 0.015% | 0.015% |
| Harmonic Content | ≤ -10dBc | ≤ -10dBc |
| Stability | 0.0015% minimum after 15 minute warm-up | |
| Modulation | None. (Digital [B2] and Analog Amplitude [B1] modulation optional, must be specified when placing order) | |
| Output Power | ~1 Watt nominal. Power is optimized for peak efficiency with supplied A-O device. | |
| Output Protection | Power amplifiers used will tolerate an infinite V.S.W.R. without damage. Rated power is available only when a proper RF load is connected. | |
| Operating Power | 90-240 VAC, 50-60 Hz, 55 Watts max. | |
| Enclosure | The unit will be packaged in a 6.75 inch wide by 2.6 inch high by 8.3 inch deep instrument case. The rear panel heatsink increases depth to 10.5 inch max. Size is exclusive of connectors. | |
| Environmental | Nominal Laboratory Conditions: Maximum temperature +35° C; the unit is not sealed against moisture or condensing humidity. | |

OEM packaging is also available

| Driver Model Number | FFA-125-B1-F1 | FFA-1100-B1-F1 |
|---------------------|---|------------------------|
| AO Modulator | TEM-125-48-4.8-116-852-2FP | TEM-1100-270-2-488-2FP |
| Frequency | 125 MHz | 1100 MHz |
| Frequency Control | Quartz crystal referenced phase locked loop | |
| Frequency Accuracy | 0.015% | 0.015% |
| Harmonic Content | ≤ -20dBc | ≤ -20dBc |
| Stability | 0.0015% minimum after 15 minute warm-up | |
| Output Power | 1 Watt nominal. Power is optimized for peak efficiency with supplied A-O device. | |
| Output Protection | Power amplifiers used will tolerate an infinite V.S.W.R. without damage. Rated power is available only when a proper RF load is connected. | |
| Rise/Fall Time | 100 nsec | 2 nsec |
| Modulation Type | Analog amplitude modulation | |
| Modulation Rate | DC-5 MHz | DC-280 MHz |
| Modulation Input | 50 Ω; 0-1 V | 50 Ω; 0-1 V |
| Operating Power | 90-240 VAC, 50-60 Hz, 55 Watts max. | |
| Enclosure | The unit will be packaged in a 6.75 inch wide by 2.6 inch high by 8.3 inch deep instrument case. The rear panel heatsink increases depth to 10.5 inch max. Size is exclusive of connectors. | |
| Environmental | Nominal Laboratory Conditions: Maximum temperature +35° C; the unit is not sealed against moisture or condensing humidity. | |

OEM packaging is also available

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BRIMROSE



Fixed Frequency Drivers

| Driver Model Number | FFA-55-B1-F1 | FFA-100-B1-F1 |
|---------------------|---|-------------------------|
| AO Modulator | AMM-55-3-170-2FP | AMM-100-8-70-3FP |
| Frequency | 55 MHz | 100 MHz |
| Frequency Control | Quartz crystal referenced phase locked loop | |
| Frequency Accuracy | 0.015% | 0.015% |
| Harmonic Content | ≤ -20dBc | ≤ -20dBc |
| Stability | 0.0015% minimum after 15 minute warm-up | |
| Output Power | 1 Watt nominal. Power is optimized for peak efficiency with supplied A-O device. | |
| Output Protection | Power amplifiers used will tolerate an infinite V.S.W.R. without damage. Rated power is available only when a proper RF load is connected. | |
| Rise/Fall Time | 100 nsec | 50 nsec |
| Modulation Type | Analog amplitude modulation | |
| Modulation Rate | DC-3 MHz | DC-8 MHz |
| Modulation Input | 50 Ω; 0-1 V | 50 Ω; 0-1 V |
| Operating Power | 90-240 VAC, 50-60 Hz, 55 Watts max. | |
| Enclosure | The unit will be packaged in a 6.75 inch wide by 2.6 inch high by 8.3 inch deep instrument case. The rear panel heatsink increases depth to 10.5 inch max. Size is exclusive of connectors. | |
| Environmental | Nominal Laboratory Conditions: Maximum temperature +35° C; the unit is not sealed against moisture or condensing humidity. | |

OEM packaging is also available

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2 Channel Driver

| | |
|---------------------|---|
| Driver Model Number | FFA-92/110-B1WB-F2-2CH |
| AO Modulator | AMM-100-8-70-1300/1550-3FP |
| Carrier Frequencies | Channel 1 = 92 MHz, Channel 2 = 110 MHz |
| Frequency Control | Quartz crystal referenced phase locked loop |
| Frequency Accuracy | 0.015% |
| Harmonic Content | ≤ -20dBc |
| Stability | 0.0015% minimum after 15 minute warm-up |
| Output Power | 2 Watts nominal. Power is optimized for peak efficiency with supplied A-O device. |
| Output Protection | Power amplifiers used will tolerate an infinite V.S.W.R. without damage. Rated power is available only when a proper RF load is connected. |
| Rise Time | ≤ 50 nsec |
| Modulation Type | Analog amplitude modulation |
| Modulation Rate | DC-8 MHz |
| Modulation Input | 50 Ω; 0-1 V |
| Operating Power | 90-240 VAC, 50-60 Hz, 55 Watts max. |
| Enclosure | The unit will be packaged in a 6.75 inch wide by 2.6 inch high by 8.3 inch deep instrument case. The rear panel heatsink increases depth to 10.5 inch max. Size is exclusive of connectors. |
| Environmental | Nominal Laboratory Conditions: Maximum temperature +35° C; the unit is not sealed against moisture or condensing humidity. |

