

CALAMP Embedded Wireless Modules

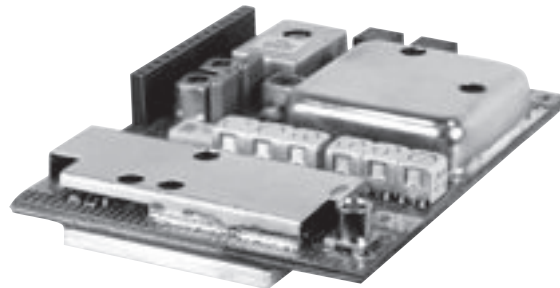


DM-3415/25 UHF, VHF TRANCEIVER MODULES AND DEV KITS

Dataradio's newest RF Data Module from CalAmp is built with the quality you expect in a Dataradio engineered module. These units provide that reliable, easy-to-integrate link to market your product in today's wireless communications arena. The 3415 UHF and 3425 VHF modules provide the foundation for maximum performance in the licensed UHF/VHF bands to benefit the user with less interference over longer distances. Increased programmable 0.5 - 5 watt output power in this unit's design means better power control. An on-board EEPROM stores Dataradio factory default values while a memory map gives users the freedom to add additional information.

Features:

- Capable of 12.5kHz FCC Refarming efficiency standards
- 0.1 to 2W programmable power output (7.2VDC nominal supply)
- 0.5 to 5W programmable power output (12.5VDC nominal supply)
- EEPROM stores factory default values
- Low group delay
- Fast attack synthesizer
- Minimal key up/down sideband noise
- Integration and design support
- Rugged design



Tranceiver Modules

- 100mW/5W

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CalAmp Part No.	Description	Price Each		
			1	5	20
703-242-3425-610	242-3425-610	Dataradio DM-3425 VHF, 150-174Mhz	257.40	250.20	237.60
703-242-3425-710	242-3425-710	Dataradio DM-3425 VHF, 137-162Mhz	257.40	250.20	237.60
703-242-3415-510	242-3415-510	Dataradio DM-3415 UHF, 450-470Mhz	257.40	250.20	237.60

Dev Kits

For quantities greater than listed, call for quote.

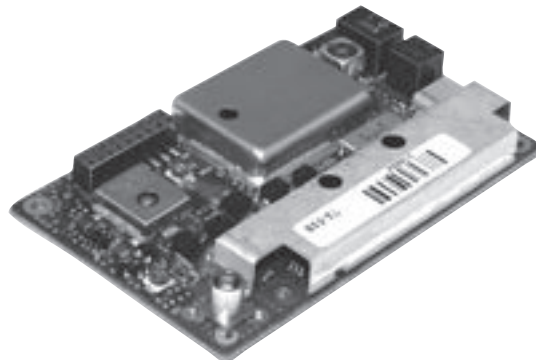
MOUSER STOCK NO.	CalAmp Part No.	Description	Price Each
703-250-2100-610	250-2100-610	DM-3425 VHF, 150-174Mhz, 100mW/W	858.00
703-250-2100-710	250-2100-710	DM-3425 VHF, 137-162Mhz, 100mW/W	858.00
703-250-2100-510	250-2100-510	DM-3415 UHF, 450-470Mhz, 100mW/5W	858.00

DM-3473 UHF TRANCEIVER MODULES AND DEV KITS

The Dataradio DM-3473II sets a new size standard for narrowband RF modules. Imitating the footprint made popular by PC card devices, the DM-3473 is smaller than a business card. The actual dimensions of 2.83" x 1.75" x 0.45" make this the smallest narrowband device on the market. It combines innovative technological features and tough electrical specifications designed to comply with FCC, Industry Canada, and various international standards including ETSI 300.220.

Features:

- Capable of 12.5kHz FCC Refarming efficiency standards
- Capable of European ETSI certification 300.220
- Low group delay
- Fast attack synthesizer
- Minimal key up/down sideband noise
- Integration and design support
- Smallest narrowband module on the market is ideal where space is a premium
- Rugged design



Tranceiver Modules

- 100mW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CalAmp Part No.	Description	Price Each		
			1	5	20
703-140-3473-218	140-3473-218	Dataradio DM-3473 UHF, 410-434Mhz	180.18	175.14	166.32
703-140-3473-518	140-3473-518	Dataradio DM-3473 UHF, 450-475Mhz	180.18	175.14	166.32

Dev Kits

MOUSER STOCK NO.	CalAmp Part No.	Description	Price Each
703-250-3473-218	250-3473-218	DM-3473 UHF, 410-434Mhz, 100mW	789.36

JSLM2 UHF, VHF TELEMETRY RADIOS

Dataradio's JSLM2 Telemetry Radios offer the third-generation design of a proven RF platform radio in a compact package that offers robust, analog communications. This feature-rich radio is compliant with the United States FCC refarming requirements for half-channel operation and comes packaged in the same form-factor as its predecessors. The JSLM2 is backward compatible for easy installation in established systems. The new feature-set will enhance future system designs. The JSLM2 is PC-programmable offering user-selectable RF power output, modulation sensitivity, baseband output levels, and a choice of (several) filter options. The innovative heat transfer design allows a longer transmit time for improved duty cycles. Automatic power foldback provides protection from overheating at temperature extremes.

Features:

- 0.5-5 Watt power output
- Digital tuning for audio in/out and output power
- Front panel LEDs: Power, TX, Carrier Detect
- Meets FCC Refarming standards for half-channel operation
- Low group delay
- Fast attack synthesizer
- Minimal key up/down sideband noise
- Rugged design



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	CalAmp Part No.	Description	Price Each		
			1	5	20
703-242-2110-610	242-2110-610	Dataradio JSLM2 VHF, 150-174Mhz, 100mW/5W	420.42	408.66	388.08
703-242-2110-710	242-2110-710	Dataradio JSLM2 VHF, 137-162Mhz, 100mW/5W	420.42	408.66	388.08
703-242-2140-510	242-2140-510	Dataradio JSLM2 UHF, 450-470Mhz, 100mW/5W	420.42	408.66	388.08