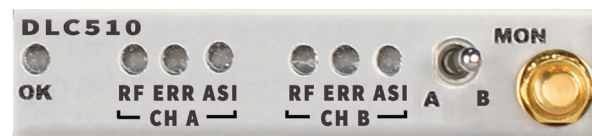
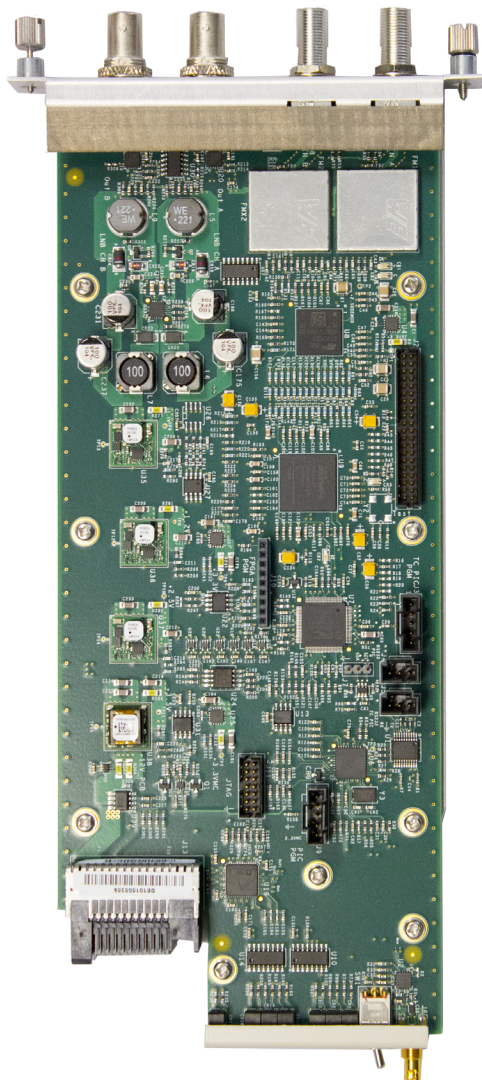




DigiLink DLC510 - Dual Port L-Band Demodulator and Transponder Scanner

Artel ships the DLC510 configured as follows:

- Mode set to Channel A Only
- RF A Input and RF B Input
 - LNB Mode set to Off
 - Local Oscillator set to L-Band
 - Frequency set to 1600.000
 - Video Alarms set to Disable



■ DLC510 FRONT PANEL LEDS

LED	Function	Color	Description
OK	Module Status	OFF	No power or if power is applied to the system, an internal fault with the DLC510 may exist.
		● Green	Normal operation.
		● Yellow	Minor alarm.
		● Red	Major alarm.
RF CH A,B	RF Channel Status	OFF	Channel off.
		● Green	Channel on, Carrier locked, demodulator locked.
		● Red	Channel on, carrier not locked ¹ .
		* Red	Channel on, demodulator not locked ² .
ERR CH A,B	Bit Error Channel Status	OFF	Channel off.
		● Green	FEC locked.
		● Yellow	Low carrier-to-noise (C/N) margin.
		● Red	FEC unlocked.
ASI CH A,B	ASI Channel Status	OFF	Channel off.
		● Green	ASI locked.
		● Red	ASI unlocked.

* Flashing red

- 1 Carrier not locked: The DLC510 channel is configured for a specific carrier frequency, but the carrier is too weak or not found.
- 2 Demodulator not locked: The DLC510 channel is configured for a specific carrier frequency, the carrier is found, but the DLC510 is unable to demodulate the signal.

Other Notes:

1. If all LEDs are off, the card is unpowered or unprogrammed and is considered defective.
2. If a channel is enabled and the carrier is not locked, all three LEDs, RF, ERR, and ASI will be red.
3. The ERR LED, when red, indicates that the FEC process will not correct errors because the proper FEC information has not been found. When yellow, the ERR LED indicates that the carrier-to-noise margin is small and any further drop in the carrier-to-noise could result in errors. Neither case quantifies any amount of errors.



LED	Function	Color	Description
OK	Module Status	OFF	No power or if power is applied to the system, an internal fault with the DLC510 may exist.
		Green	Normal operation.
		Yellow	Minor alarm.
		Red	Major alarm.
RF A,B	RF Channel Status	OFF	Channel off.
		Green	Channel on, carrier locked, demodulator locked.
		Red	Channel on, carrier not locked ¹ .
		* Red Flashing	Channel on, demodulator not locked ² .
LNB PWR A,B	LNB Power Status	OFF	Power off.
		Green	Power on.
		Red	Current overload.
		Red	Current overload.
ASI A,B	ASI Channel Status	OFF	Channel off.
		Green	ASI locked.
		Red	ASI unlocked.
		Red	ASI unlocked.

* Flashing red

¹ Carrier not locked: The DLC510 channel is configured for a specific carrier frequency, but the carrier is too weak or not found.

² Demodulator not locked: The DLC510 channel is configured for a specific carrier frequency, the carrier is found, but the DLC510 is unable to demodulate the signal.

Other Notes:

1. If all LEDs are off, the card is unpowered or unprogrammed and is considered defective.
2. If a channel is enabled and the carrier is not locked, RF and ASI LEDs will be red.
3. If ASI is unlocked, there will not be a valid ASI output.

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