

# LAIRD TECHNOLOGIES Wireless System Modules



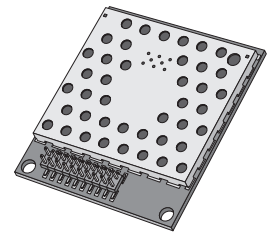
Products may be RoHS compliant.  
Check mouser.com for RoHS status.

## AC4490 & AC4790 OEM TRANSCEIVER FAMILY

3.3V, 1 Watt Transmit

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Technologies Part No.	Description	Price Each	
			1	50
<b>AC4490 Series - Server/Client Protocol</b>				
<b>814-AC4490-1000M</b>	AC4490-1000M	900MHz FHSS module w/ MMCX ant. connector	77.50	72.99
<b>814-AC4490LR-1000M</b>	AC4490LR-1000M	900MHz FHSS mod. w/ MMCX ant. connector, longer range version	84.50	74.50
<b>814-SDKAC44901000M</b>	SDK-AC4490-1000M	AC4490-1000M Developer Kit	199.00	-
<b>AC4790 Series - Peer-to-Peer Protocol</b>				
<b>814-AC4790-1000M</b>	AC4790-1000M	900MHz FHSS module w/MMCX ant. connector	77.50	73.50
<b>814-AC4790LR-1000M</b>	AC4790LR-1000M	900MHz FHSS mod. w/ MMCX ant. connector, longer range version	84.50	78.50
<b>814-SDK-AC47901000M</b>	SDK-AC4790-1000M	AC4790-1000M Developer Kit	199.00	-



Compact AC4490 900MHz transceivers can replace miles of cable in harsh industrial environments. Using field-proven FHSS technology that needs no additional site licensing ✕, AC4490s reject interference, enable co-located system operation, increase output power and maintain data integrity.

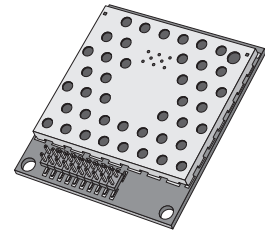
AC4490s feature drop-in installation and a number of on-the-fly control commands, providing OEMs with a versatile interface for any application. They can be used as direct wire replacements, requiring no special host software for communication. All frequency hopping, synchronization and RF system data transmission/reception is performed by the transceiver.

3.3V-5.5V, 200mW Transmit



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MOUSER STOCK NO.	Laird Technologies Part No.	Description	Price Each	
			1	50
<b>AC4490 Series - Server/Client Protocol</b>				
<b>814-AC4490-200M</b>	AC4490-200M	900MHz FHSS module w/ MMCX ant. connector	62.50	58.50
<b>814-AC4490LR-200M</b>	AC4490LR-200M	900MHz FHSS mod. w/ MMCX ant. connector, longer range version	68.50	63.00
<b>814-AC4490200M5485</b>	AC4490-200M-485	900MHz FHSS module w/ MMCX ant. connector, RS485	63.50	59.50
<b>814-AC4490-200A</b>	AC4490-200A	900MHz FHSS module w/ integral ant.	63.85	59.50
<b>814-AC4490200A5485</b>	AC4490-200A-485	900MHz FHSS module w/ integral ant., RS485	64.85	60.85
<b>814-SDK-AC4490200M</b>	SDK-AC4490-200M	AC4490-200M Developer Kit	199.00	-
<b>814-SDK-AC4490200A</b>	SDK-AC4490-200A	AC4490-200A Developer Kit	199.00	-
<b>AC4790 Series - Peer-to-Peer Protocol</b>				
<b>814-AC4790-200M</b>	AC4790-200M	900MHz FHSS module w/ MMCX ant. connector	62.50	58.50
<b>814-AC4790LR-200M</b>	AC4790LR-200M	900MHz FHSS mod. w/ MMCX ant. connector, longer range version	68.50	59.50
<b>814-AC4790-200M485</b>	AC4790-200M-485	900MHz FHSS module w/ MMCX ant. connector, RS485	63.50	59.50
<b>814-AC4790-200A</b>	AC4790-200A	900MHz FHSS module w/ integral ant.	63.85	59.50
<b>814-SDK-AC4790LR200M</b>	SDK-AC4790LR-200M	AC4790LR-200M Developer Kit	225.00	-
<b>814-SDK-AC4790-200A</b>	SDK-AC4790-200A	AC4790-200A Developer Kit	199.00	-
<b>814-SDK-AC4790-200M</b>	SDK-AC4790-200M	AC4790-200M Developer Kit	199.00	-



High-performance AC4790 transceivers utilize Laird's "masterless" protocol, allowing each transceiver to communicate with any other in-range transceiver for true peer-to-peer operation.

AC4790's protocol features a dynamic addressing scheme, which simplifies the most efficient transmission path, so OEMs can design routing sequences that optimize the RF network. This makes AC4790 ideal for a wide variety of RF network. This makes AC4790 ideal for a wide variety of industrial applications that must rely on smooth, constant data flow.

### Accessories

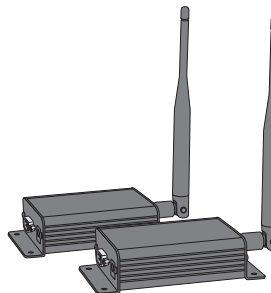


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MOUSER STOCK NO.	Laird Technologies Part No.	Description	Price Each
<b>814-0700-00012</b>	0700-00012	Amtec 20 pin Mating Connector for AC44XX	4.00
<b>814-0650-00005</b>	0650-00005	Power Supply, 7.5 VDC, 1.5 A, Sw. Reg., 100 - 240 VAC input	20.00
<b>814-0600-00019</b>	0600-00019	S467FL-5-RMM-915S, 1/2 wave, 7", 2dBi, RA, MMCX plug	14.64
<b>814-0600-00025</b>	0600-00025	S467FL-5-RMM-915, 1/2 wave, 7", 2dBi, MMCX plug	14.64
<b>814-0600-00024</b>	0600-00024	S467AH-915S, 1/2 wave, 7", 2dBi, RA, RPSMA	14.64
<b>814-0600-00028</b>	0600-00028	S161AH-915R, 1/2 wave, 6", 2.5dBi, RA, RPSMA	16.80
<b>814-0600-00029</b>	0600-00029	S161AH-915, 1/2 wave, 6", 2.5dBi, RPSMA	14.64
<b>814-0600-00030</b>	0600-00030	S331AH-915, 1/4 wave, 3.5", 1dBi, RPSMA	14.64
<b>814-1300-00023</b>	1300-00023	5" RG178 coax, RA MMCX plug to RPSMA bulkhead	13.00
<b>814-1300-00041</b>	1300-00041	5" RG178 coax, u.FL plug to RPSMA bulkhead	16.25

## 900MHZ / 2.4GHZ CONNEX LINK™

ConnexLink stand-alone transceivers can be set up in minutes to virtually cut the cables between RS232 or RS485 devices. Their flexibility and price allow users to quickly upgrade wired terminals to cordless operation in industrial, commercial, even residential applications.



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MOUSER STOCK NO.	Laird Technologies Part No.	Description	Price Each
<b>900MHz Models - 1000mW- Server/Client Protocol</b>			
<b>814-CL4490-232-C</b>	CL4490-1000-232	Client Only Unit Kit includes Transceiver (Client Config.), RS-232 cable, Antenna, Power Supply and Software (Requires a Server Unit)	110.00
<b>814-CL4490-232-SP</b>	CL4490-1000-232-SP	Starter Pack includes both a Server and Client Unit, RS-232 cables, Antennas, Power Supplies and Software	225.00
<b>814-CL4490-1000PROSP</b>	CL4490-1000-PRO-SP	900 MHz RS232/RS485/RS422 Switching InterfC Transvr Starter Pack 1.0 Watt (Server/Client protocol)	300.00
<b>900MHz Models - 1000mW- Peer-to-Peer Protocol</b>			
<b>814-CL4790-232</b>	CL4790-1000-232	Single Unit Kit (Peer to Peer Protocol) includes Transceiver, RS-232 cable, Antenna, Power Supply and Software	110.00
<b>814-CL4790-232-SP</b>	CL4790-1000-232-SP	Starter Pack (Peer to Peer Protocol) includes Two Transceiver Units, RS-232 cables, Antennas, Power Supplies and Software	225.00
<b>Connex Link™ Accessories</b>			
<b>814-1300-00032</b>	1300-00032	Null-Modem Cable (replaces standard cable if connecting Aerocomm units to DCE devices)	14.00