

LAIRD TECHNOLOGIES Wireless System Modules



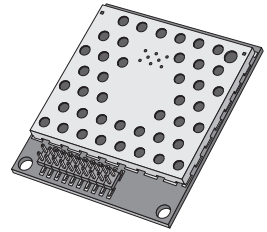
Products may be RoHS compliant.
Check mouser.com for RoHS status.

AC4490 & AC4790 OEM TRANSCIVER FAMILY

3.3V, 1 Watt Transmit

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Laird Tech Part No.	Description	Price Each	
			1	50
AC4490 Series - Server/Client Protocol				
814-AC4490-1000M	AC4490-1000M	900MHz FHSS module w/ MMCX ant. connector	77.50	72.99
814-AC4490LR-1000M	AC4490LR-1000M	900MHz FHSS mod. w/ MMCX ant. connector, longer range version	84.50	74.50
814-AC44901000M485	AC4490-1000M-485	900MHz FHSS module w/ MMCX ant. connector, RS485	78.25	74.00
814-SDK-AC44901000M	SDK-AC4490-1000M	AC4490-1000M Developer Kit	199.00	-
814-SDK-4490LR-1000M	SDK-AC4490LR-1000M	AC4490LR-1000M Developer Kit	225.00	-
AC4790 Series - Peer-to-Peer Protocol				
814-AC4790-1000M	AC4790-1000M	900MHz FHSS module w/MMCX ant. connector	77.50	73.50
814-AC4790LR-1000M	AC4790LR-1000M	900MHz FHSS mod. w/ MMCX ant. connector, longer range version	84.50	78.50
814-AC47901000M485	AC4790-1000M-485	900MHz FHSS module w/ MMCX ant. connector, RS485	78.50	73.99
814-SDK-AC47901000M	SDK-AC4790-1000M	AC4790-1000M Developer Kit	199.00	-
814-SDK-AC4790LR-1KM	SDK-AC4790LR-1000M	AC4790LR-1000M Developer Kit	225.00	-

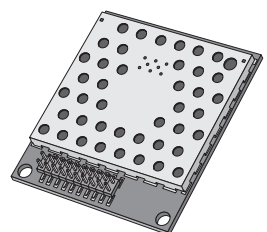


Compact AC4490 900MHz transceivers can replace miles of cable in harsh industrial environments. Using field-proven FHSS technology that needs no additional site licensing, AC4490s reject interference, enable co-located system operation, increase output power and maintain data integrity.

3.3V-5.5V, 200mW Transmit

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Laird Tech Part No.	Description	Price Each	
			1	50
AC4490 Series - Server/Client Protocol				
814-AC4490-200M	AC4490-200M	900MHz FHSS module w/ MMCX ant. connector	62.50	58.50
814-AC4490LR-200M	AC4490LR-200M	900MHz FHSS mod. w/ MMCX ant. connector, longer range version	68.50	63.00
814-AC4490200M485	AC4490-200M-485	900MHz FHSS module w/ MMCX ant. connector, RS485	63.50	59.50
814-AC4490-200A	AC4490-200A	900MHz FHSS module w/ integral ant.	63.85	59.50
814-AC4490200A485	AC4490-200A-485	900MHz FHSS module w/ integral ant., RS485	64.85	60.85
814-SDK-AC4490200M	SDK-AC4490-200M	AC4490-200M Developer Kit	199.00	-
814-SDK-4490LR-200M	SDK-AC4490LR-200M	AC4490LR-200M Developer Kit	225.00	-
814-SDK-AC4490200A	SDK-AC4490-200A	AC4490-200A Developer Kit	199.00	-
AC4790 Series - Peer-to-Peer Protocol				
814-AC4790-200M	AC4790-200M	900MHz FHSS module w/ MMCX ant. connector	62.50	58.50
814-AC4790LR-200M	AC4790LR-200M	900MHz FHSS mod. w/ MMCX ant. connector, longer range version	68.50	59.50
814-AC4790-200M485	AC4790-200M-485	900MHz FHSS module w/ MMCX ant. connector, RS485	63.50	59.50
814-AC4790-200A	AC4790-200A	900MHz FHSS module w/ integral ant.	63.85	59.50
814-AC4790-200A485	AC4790-200A-485	900MHz FHSS module w/ integral ant., RS485	64.85	60.85
814-SDK-AC4790-200M	SDK-AC4790-200M	AC4790-200M Developer Kit	199.00	-
814-SDK-AC4790LR-200M	SDK-AC4790LR-200M	AC4790LR-200M Developer Kit	225.00	-
814-SDK-AC4790-200A	SDK-AC4790-200A	AC4790-200A Developer Kit	199.00	-



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.

Accessories

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Tech Part No.	Description	Price Each
814-0700-00012	0700-00012	Samtec 20-pin mating connector for AC44xx	4.00
814-0650-00005	0650-00005	Power Supply, 7.5 VDC, 1.5 A, Sw. Reg., 100 - 240 VAC input	20.00
814-0600-00019	0600-00019	S467FL-5-RMM-915S, 1/2 wave, 7", 2dBi, RA, MMCX plug	14.64
814-0600-00025	0600-00025	S467FL-5-RMM-915, 1/2 wave, 7", 2dBi, MMCX plug	14.64
814-0600-00024	0600-00024	S467AH-915S, 1/2 wave, 7", 2dBi, RA, RPSMA	14.64
814-0600-00027	0600-00027	S467AH-915, 1/2 wave, 7", 2dBi, RPSMA	14.64
814-0600-00028	0600-00028	S161AH-915R, 1/2 wave, 6", 2.5dBi, RA, RPSMA	14.64
814-0600-00029	0600-00029	S161AH-915, 1/2 wave, 6", 2.5dBi, RPSMA	14.64
814-0600-00030	0600-00030	S331AH-915, 1/4 wave, 3.5", 1dBi, RPSMA	14.64
814-1300-00023	1300-00023	5" RG178 coax, RA MMCX plug to RPSMA bulkhead	13.00

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.

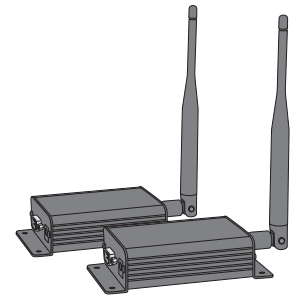
AC4790's protocol features a dynamic addressing scheme, which simplifies the most efficient transmission path, so OEMs can design routing sequences that optimize the RF network. This makes AC4790 ideal for a wide variety of RF network. This makes AC4790 ideal for a wide variety of industrial applications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

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.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Tech Part No.	Description	Price Each
900MHz Models - 1000mW- Server/Client Protocol			
814-CL4490-232-C	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
814-CL4490-232-SP	CL4490-1000-232-SP	Starter Pack includes both a Server and Client Unit, RS-232 cables, Antennas, Power Supplies and Software	225.00
814-CL4490-1000PROSP	CL4490-1000-PRO-SP	900 MHz RS232/RS485/RS422 Switching InterfC Transvr Starter Pack 1.0 Watt (Server/Client protocol)	300.00
900MHz Models - 1000mW- Peer-to-Peer Protocol			
814-CL4790-232	CL4790-1000-232	Single Unit Kit (Peer to Peer Protocol) includes Transceiver, RS-232 cable, Antenna, Power Supply and Software	110.00
814-CL4790-232-SP	CL4790-1000-232-SP	Starter Pack (Peer to Peer Protocol) includes Two Transceiver Units, RS-232 cables, Antennas, Power Supplies and Software	225.00
Connex Link™ Accessories			
814-2200-00076	2200-00076	CL4424-100-232 PC Board only RS-232 with DB-9 (No Package)	140.00
814-2200-00122	2200-00122	CL4490-1000-232 PC Board only RS-232 with DB-9 (No Package)	100.00
814-1300-00032	1300-00032	Null-Modem Cable (replaces standard cable if connecting Aerocomm units to DCE devices)	14.00



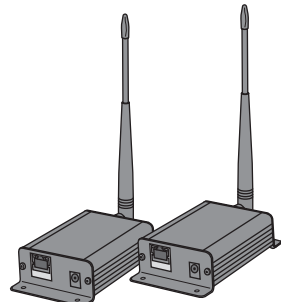
CONNEX LINK™

900MHZ FHSS CONNEXNET™

ConnexNet provides a complete hardware and software solution for adding wireless network connectivity to serial-based applications. The transceiver serves as a conduit between the user and multiple destination devices via a local network or Internet connection. It integrates a fully developed TCP/IP network stack and OS using a variety of network protocols to make distant networking both easy and reliable.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Laird Tech Part No.	Description	Price Each
Server/Client Protocol			
814-CN4490-232-SP	CN4490-1000-232-SP	Starter Pack - includes one ConnexNet and one ConnexLink RS232 serial unit CN4490-1000-232-SP	382.00



CONNEXNET™