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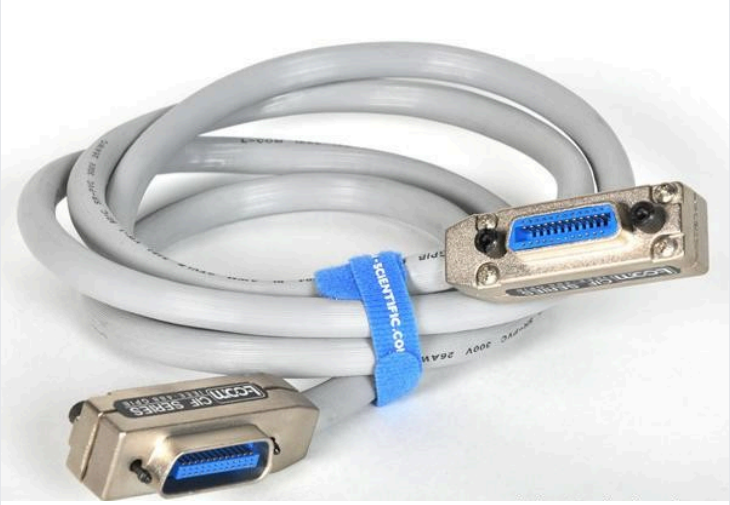
Data Sheet
August 13, 2026

L-COM

L-Com IEEE-488 GPIB Normal / Normal Cable CIF Series (0.5 Meter)

The L-Com CIF05 is a 0.5 m IEEE-488 (GPIB) interconnect cable. CIF is L-Com's IEEE-488 cable series; the numeric suffix is length in meters (CIF05 = 0.5 m). Standard GPIB uses 24-pin Amphenol-style stacking connectors, 24-wire shielded cable, and daisy-chain stacking at each instrument. IEEE-488.1 allows up to 15 devices and 20 m total cable inasystem; 0.5 m isashort instrument-to-instrument or instrument-to-controller jumper. It isapassive accessory with no protocol intelligence. Short GPIB hops; rack-adjacent instruments; IEEE-488 controller-to-device jumpers. Color: L-Com GPIB jacket (confirm on the piece) Status: current-style GPIB accessory (IEEE-488 remains in ATE) Documentation: L-Com CIF IEEE-488 cable catalog row True accessory. Verified L-Com CIF05 = 0.5 m IEEE-488 cable. Do not invent insertion-loss dB or AWG if not on the CIF datasheet. Confirm connector hoods on the piece.



MODEL **L-Com CIF05**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **CIF05**	LISTING **https://aumictechlabs.com/products/cif05-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The L-Com CIF24 Series IEEE-488 GPIB cable delivers reliable data transfer in test, measurement, and instrument control applications. This 0.5-meter Normal/Normal configuration connects standard GPIB peripherals with dual-shielded construction and gold-plated contacts rated to IEEE-488 maximum speeds of 1 Mbyte/s. Technical Specifications Interface: IEEE-488 GPIB, 24-pin

connectors Cable Length: 0.5 meters (approx. 20 inches) Configuration: Male/Female connectors on each end Data Rate: Up to 1 Mbyte/s (IEEE maximum) Cable Capacitance: ≤150 pF/m (twisted pair construction) Operating Temperature: -20°C to +80°C Jacket: Gray PVC, UL 94V-0 flame-retardant Key Features Three-layer shielding system: two foil shields plus copper braid (>90% coverage) reduces EMI while maintaining low capacitance Diecast aluminum connectors with nickel plating and overlapping seams prevent corrosion and leakage Copper alloy contacts with 30-microinch gold plating ensure low-resistance connections Crimped ferrule strain relief and firm-gripping steel thumbscrews provide secure mechanical attachment Construction complies with L-Com Specification CIB-CS1 and ANSI/IEEE Std 488.1-1987 All conductors twisted pair configuration maintains IEEE specifications Typical Applications Test and measurement instrument interconnection Programmable control systems and data acquisition Oscilloscope, signal generator, and computer peripherals Multi-instrument daisy-chain configurations Compatibility & Integration Directly compatible with HP, AMP, and Amphenol IEEE-488 interfaces. Designed for systems where electromagnetic interference mitigation is critical. Exceeds IEEE-488 standards for EMI-sensitive environments and passes stringent emissions testing.

CIF05 Characteristics / Specifications

PARAMETER	VALUE
Model	CIF05
Manufacturer	L-Com
Instrument Type	IEEE-488 GPIB Cable
Series	L-Com CIF
Alias	CIF05; L-Com CIF05; CIF-05
Standard	IEEE-488 (GPIB)
Length	0.5 m
Connectors	24-pin IEEE-488 stacking male/female class GPIB
Conductors	24-wire GPIB assignment (8 data, 3 handshake, 5 management, grounds/shield)
Shield	GPIB shielded cable class
Daisy Chain	stacking connectors at each end
System Device Limit	15 devices including controller (IEEE-488.1)
System Length Limit	20 m total recommended IEEE-488.1 (2 m per device rule of thumb also cited)
Function	passive interconnect only
Related CIF	CIF1 = 1 m; CIF2 = 2 m; CIF4 = 4 m class L-Com numbering
Not USB	does not convert GPIB to USB (those are separate adapters)
Not HS488 Electronics	cable is compatible with HS488 instruments but contains no PHY
Bend Radius	treat as instrument cable; avoid sharp folds at the connector hood
Accessory Category	GPIB cable
Impedance/Crosstalk	per IEEE-488 cable construction; not a 50 ohm RF jumper
Gender	stacking GPIB hoods typically male plus female stack
Color	L-Com GPIB jacket (confirm on the piece)
Status	current-style GPIB accessory (IEEE-488 remains in ATE)
Documentation	L-Com CIF IEEE-488 cable catalog row Notes True accessory. Verified L-Com CIF05 = 0.5 m IEEE-488 cable. Do not invent insertion-loss dB

PARAMETER	VALUE
	or AWG if not on the CIF datasheet. Confirm connector hoods on the piece.

CIF05 Specifications

PARAMETER	VALUE
Applications	Short GPIB hops; rack-adjacent instruments; IEEE-488 controller-to-device jumpers.
Key Features	- IEEE-488 GPIB cable, 0.5 m
Technical Specifications	Model: CIF05

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: **sales@aumictech.com** · +1 (484) 841-9341

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