

Molded IEEE-488 Cable, 0.5m


Features for this product

- One standard male/female piggyback connector plus one male only in-line connector
- 30 microinch gold contact plating provides reliable connections with repeated mating cycles
- Custom stamped steel internal enclosure provides 100% shielding and a robust strain relief
- Molded backshells provide durability and increased strength at cable entry point
- Color: Light Gray



Supreme performance combined with rugged durability make this cable series a great value. Featuring an outer braid plus foil shield, these cables provide for enhanced protection against EMI (electromagnetic interference). A unique stamped steel internal enclosure provides 100% shielding and a robust strain relief. Molded backshells contribute to a long life expectancy and resist breakage at the point where the cable enters the backshell. This combination of features ensures a highly reliable cable that will pass stringent emissions testing while providing years of trouble free service. One standard male/female piggyback connector plus one male only in-line connector for added convenience when the female connector is not required. Also saves cost and adds an alternative cable entry direction.

Details for this IEEE-488 GPIB product

L-com Item #	CMC24-05M
Manufacturer	L-com
UPC #	822335011359
RoHS Status	RoHS Compliant 
Connector Orientation	Normal / Inline

Item #	Description	Connector Orientation
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Molded CMC Series IEEE-488 GPIB Cables - Feature One Inline GPIB Male Termination

These molded GPIB cables are similar in construction and electrical specifications to our popular CMB24 series except that one end terminates to a straight male connector. This is sometimes preferred when there is no apparent need to have the exposed female end. It also eliminates the need for capping the exposed connector. Quite useful when the traditional right angle cable gets in the way of other cables such as in a computer back plane. Both ends of these cables utilize a stamped steel internal closure providing 100% shielding and a robust strain relief.

CMC24-05M	Molded IEEE-488 Cable, 0.5m	Normal / Inline
CMC24-1M	Molded IEEE-488 Cable, 1.0m	Normal / Inline
CMC24-2M	Molded IEEE-488 Cable, 2.0m	Normal / Inline
CMC24-3M	Molded IEEE-488 Cable, 3.0m	Normal / Inline
CMC24-4M	Molded IEEE-488 Cable, 4.0m	Normal / Inline
CMC24-5M	Molded IEEE-488 Cable, 5.0m	Normal / Inline
CMC24-10M	Molded IEEE-488 Cable, 10.0m	Normal / Inline

Adapter/Extension Cable - PC Port Entry and Inline Mating with IEEE-488 GPIB Cables

This dual purpose Adapter/Extension cable has a slim male end that will readily fit through most PC IEEE-488 equipment ports. Very similar in appearance to our standard CMC24 cables except that the single female offset connector has reverse entry allowing GPIB cables to mate in a natural inline direction. Dual shield construction with metal inline and reverse entry backshells. They are available from stock only in standard lengths of eight inches, half and one meter. Longer lengths available on a custom basis.

CMC24X	GPIB Adapter/Extension Cable, 8 inches	Reverse / Inline
CMC24XA-05M	GPIB Adapter/Extension Cable, .5 meters	Reverse / Inline
CMC24XA-1M	GPIB Adapter/Extension Cable, 1 meter	Reverse / Inline

Molded CMD Series IEEE-488 GPIB Cables - Have Two Inline GPIB Male Terminations

We've gone one step further with these molded CMD series cables and equipped both ends of the cable with a molded single ended GPIB connector. This new cable type is not only useful in some applications, but also saves money. They have the same specifications as the basic CMB24 series and are fully shielded and molded to last for years.

CMD24-05M	Molded IEEE-488 Cable, 0.5m	Inline / Inline
CMD24-1M	Molded IEEE-488 Cable, 1.0m	Inline / Inline
CMD24-2M	Molded IEEE-488 Cable, 2.0m	Inline / Inline
CMD24-3M	Molded IEEE-488 Cable, 3.0m	Inline / Inline
CMD24-4M	Molded IEEE-488 Cable, 4.0m	Inline / Inline
CMD24-5M	Molded IEEE-488 Cable, 5.0m	Inline / Inline
CMD24-10M	Molded IEEE-488 Cable, 10.0m	Inline / Inline

Deluxe Grade IEEE-488 GPIB Cables - Three Shields Plus Cast Aluminum Shells

Two foil shields plus one copper braid shield (over 90% coverage) provide low capacitance to maintain the IEEE specifications of these cables. Designed and built to handle your system's data rate, up to the 1 Mbyte/s IEEE maximum. All technical features found in our Premium CIB24 Series are incorporated in this series, the only exception is one less shield. This series is as good as, or better than, other name brand IEEE-488 cables on the market today. This is truly the best buy because you get industry standard features at realistic prices. No other IEEE-488 cables of this grade are available at a competitive price. The CIF24 Series IEEE-488 cables may be used to connect two compatible devices such as a personal computer and a plotter. They can be Daisy-Chained to several computer peripherals or may be used to integrate a system of programmable test instruments and control devices. Each end of every cable has a male/female connector and readily accepts a male terminated cable.

CIF24-03M	Deluxe IEEE-488 Cable, 0.3m	Normal / Normal
CIF24-05M	Deluxe IEEE-488 Cable, 0.5m	Normal / Normal
CIF24-1M	Deluxe IEEE-488 Cable, 1.0m	Normal / Normal
CIF24-2M	Deluxe IEEE-488 Cable, 2.0m	Normal / Normal
CIF24-3M	Deluxe IEEE-488 Cable, 3.0m	Normal / Normal
CIF24-4M	Deluxe IEEE-488 Cable, 4.0m	Normal / Normal
CIF24-5M	Deluxe IEEE-488 Cable, 5.0m	Normal / Normal
CIF24-6M	Deluxe IEEE-488 Cable, 6.0m	Normal / Normal
CIF24-8M	Deluxe IEEE-488 Cable, 8.0m	Normal / Normal

Premium Grade IEEE-488 GPIB Cables - 4 Shields, Aluminum Nickel Plated Shells

These cables have two copper braid shields coupled with two foil shields to work to reduce the amount of radiated emissions. This helps many systems to pass FCC Part 15, MIL-STD-461A, VDE 0871 and VDE 0875. All wires are twisted pairs to maintain a low capacitance within the 150 pF/m IEEE specification. Besides superior electrical characteristics, this cable has been designed to last a very long time. Care has been given to offer a cable with extreme flexibility that is equipped with a superior strain relief. This prevents the cable from coming apart when it is bent at a sharp angle, which has been a common fault with many IEEE-488 cables on the market today. Cast aluminum, nickel plated shells are used to prevent corrosion and have overlapping seams rather than being butt-jointed. One could hope for nothing else in the makeup of the best IEEE-488 cable. All this offered at a realistic price.

CIB24-03M	Premium IEEE-488 Cable, 0.3m	Normal / Normal
CIB24-05M	Premium IEEE-488 Cable, 0.5m	Normal / Normal
CIB24-1M	Premium IEEE-488 Cable, 1.0m	Normal / Normal
CIB24-2M	Premium IEEE-488 Cable, 2.0m	Normal / Normal
CIB24-2.5M	Premium IEEE-488 Cable, 2.5m	Normal / Normal
CIB24-3M	Premium IEEE-488 Cable, 3.0m	Normal / Normal
CIB24-4M	Premium IEEE-488 Cable, 4.0m	Normal / Normal
CIB24-5M	Premium IEEE-488 Cable, 5.0m	Normal / Normal
CIB24-6M	Premium IEEE-488 Cable, 6.0m	Normal / Normal
CIB24-8M	Premium IEEE-488 Cable, 8.0m	Normal / Normal
CIB24-10M	Premium IEEE-488 Cable, 10.0m	Normal / Normal
CIB24-12M	Premium IEEE-488 Cable, 12.0m	Normal / Normal
CIB24-15M	Premium IEEE-488 Cable, 15.0m	Normal / Normal
CIB24-18M	Premium IEEE-488 Cable, 18.0m	Normal / Normal

