MagJack® ICM

USB 2.0 Combination MagJack® ICMs

"USB-Combo" RJ45 ICM with a USB-A 2.0 Port

Bel Magnetic Solutions "USB-Combo" products combine the RJ45 ICM with a USB-A 2.0 compliant port by stacking or grouping I/O connectors together. These ICMs support a wide range of 10/100Base-T and 1GBase-T Ethernet applications and are available in extended temperature (-40°C and 85°C) ranges for the industrial market.

As communication equipment is shrinking in size and expanding into new markets, the USB-Combo connectors fit this need by combining the RJ45 Ethernet port with the USB-A 2.0 connector into one robust, small form factor size. With two height options available and Industrial Temperature range capability, this product family fits the needs of a growing segment of communications equipment.



Features

- Combines the RJ45 and USB-A 2.0 into 1 connector
- Available with one or two stacked USB connectors
- Available in a pass-thru, 10/100Base-T or 1GBase-T Ethernet configuration
- Industrial temperature range

Specifications

- Meets all IEEE 802.3 10/100Base-T and 1GBase-T electrical requirements including RL, IL, Hi-pot and Common Mode parameters
- Meets all USB 2.0 electrical parameters
- Operates from -40°C to 85°C or as specified.
- 100% hi-pot tested in production
- Optional LEDs
- UL recognized
- RoHS 6/6 compliant

Applications

- Ethernet switches
- Network routers
- Computer motherboards
- Ethernet controllers
- Console ports

Common Part Numbers		
Bel	0820-1X1T-00	Pass-thru RJ45, Industrial temp, 2 USB2.0 A, without LEDs
Bel	0821-1X1T-36-F	10/100Base-T, Industrial temp, 1 USB2.0 A, with LEDs
Bel	0821-1X1T-32-F	1GBase-T, Industrial temp, 1 USB A2.0, with LEDs
Bel	08C2-1X1T-36	10/100Base-T, Industrial temp, 2 USB2.0 A, with LEDs
Bel	0862-1J1T-43-F	1GBase-T, Standard temp, 2 USB A2.0, with LEDs
Bel	0862-1J1T-46A-F	1GBase-T, Industrial temp, 2 USB2.0 A, with LEDs

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