

# 100W PoE Magnetic Modules

Bel Magnetic Solutions' 100W Magnetic Modules are aimed at engineers who are developing products to be compliant with the NBASE-T / IEEE 802.3bz and 802.3bt standards, while optimizing performance and reliability. The 100W 4-pair PoE Magnetic Modules can transmit up to 100W of power, utilizing Ethernet cable that is compatible with the desired bandwidth. They can be used in either a PSE (Power Source Equipment) or a PD (Powered Device) and are designed to be compatible with 1G, 2.5G and 10GBASE-T PHYs, including the latest current-mode and voltage-mode designs. The industry standard footprint allows for drop-in replacement for existing 60W products.

## Features & Benefits

- 1G, 2.5G, and 10GBASE-T capable designs
- 100W PoE
- Industry standard footprint
- Compatible with NBASE-T and IEEE 802.3bz standards
- Can be used on next generation PoE products, requiring greater than 100W of power
- Drop-in replacement for existing 60W products

## Applications

- NBASE-T compliant products
- Wireless access points
- Base stations
- Security cameras
- Industrial control equipment
- Video display systems
- Medical Imaging Systems
- Gateways and routers
- LED lighting

## Part Numbers

Bel Part Number	Speed	Power
S558-5500-JB	1GBASE-T, 2.5GBASE-T	100W POE
S558-10GB-23	10GBASE-T	100W POE

