

Connecting in the  
Medical Landscape



**ERNI Electronics connectors are the perfect choice when space is a premium and signal strength is critical. Proven solutions in miniature design, choose ERNI as your partner for medical applications.**



ERNI's MicroSpeed is a powerful yet miniaturized connector solution with a 1.0 mm pitch, 5- 20 mm Board to Board height, data rates up to 25+ Gbits/s and a current rating of 1A per contact. MicroSpeed has long wipe length for confidence in BtB mating tolerances and a complementary Power Module to support signal & power requirements. The MicroFlex cable provides great flexibility with these assemblies. Medical applications include portable diagnostics, scopes, and ultrasounds (with shielding options).



ERNI's MiniBridge Wire to Board connector system is ideal for space-savings designs where current density is required. This solution is available in ribbon or discrete wire applications. The reliable 2-point mating interface and IDC termination accommodates a variety of end products where space is a premium but reliability is not compromised. MiniBridge systems can be found in portable medical devices, x-ray systems and others.



iBridge Ultra is ERNI's latest Wire to Board solution with discrete wire terminations. iBridge Ultra is a 2.0 mm offering and delivers up to 8A per contact. Security is assured by double-sided latching is enhanced with Terminal Positional Assurance (TPA). iBridge Ultra is the connector of choice for many manufacturers of portable medical equipment, respirators, sterilizers, diagnostic equipment and more.



MaxiBridge is a 2.54mm Wire to Board solution for discrete wire terminations. The strengths of this product family include include a small outline (form-factor), reliable 2-point of contact mating interface and high current rating up to approx. 12A per contact. Side (thumb) latching provides secure and reliable mating without consuming space and multiple color options with unique coding/keying for ease of integration in diverse or complex wiring systems. Like the other ERNI products, MaxiBridge is the connector of choice for much diagnostic equipment, x-ray systems and other medical applications.



*A special note during the COVID19 crisis:*  
ERNI Electronics Americas is open.  
We have taken the necessary precautions to protect our employees and we are processing production and fulfillment orders daily.